

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092618\
 Data File : VU027165.D
 Acq On : 26 Sep 2018 10:23
 Operator : MD/SY
 Sample : VU0926WBS02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0926WBS02

Quant Time: Sep 27 01:04:44 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	4.98	168	79308	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	132863	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	127223	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	66783	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	82403	51.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.24%	
35) Dibromofluoromethane	4.88	113	58229	50.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.12%	
50) Toluene-d8	7.57	98	216747	49.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.76%	
62) 4-Bromofluorobenzene	10.31	95	77381	51.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.76%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.21	85	17397	16.801	ug/l 97
3) Chloromethane	1.33	50	29724	16.650	ug/l 100
4) Vinyl Chloride	1.40	62	28221	16.935	ug/l 100
5) Bromomethane	1.62	94	14562	15.345	ug/l 96
6) Chloroethane	1.70	64	18364	17.247	ug/l 99
7) Trichlorofluoromethane	1.88	101	33256	17.571	ug/l 98
8) Diethyl Ether	2.10	74	15807	17.351	ug/l 91
9) 1,1,2-Trichlorotrifluoroet	2.29	101	20741	17.822	ug/l 99
10) Methyl Iodide	2.41	142	14609	10.122	ug/l 100
11) Tert butyl alcohol	2.83	59	39214	107.183	ug/l 98
12) 1,1-Dichloroethene	2.28	96	18609	16.989	ug/l 94
13) Acrolein	2.20	56	14656	74.312	ug/l 96
14) Allyl chloride	2.59	41	45476	20.469	ug/l 99
15) Acrylonitrile	2.94	53	93008	100.864	ug/l 99
16) Acetone	2.32	43	99248	107.604	ug/l 98
17) Carbon Disulfide	2.48	76	57788	16.195	ug/l 99
18) Methyl Acetate	2.62	43	50032	22.022	ug/l 99
19) Methyl tert-butyl Ether	3.00	73	82450	20.483	ug/l 98
20) Methylene Chloride	2.70	84	25770	18.027	ug/l 96
21) trans-1,2-Dichloroethene	2.98	96	21787	18.630	ug/l 95
22) Diisopropyl ether	3.57	45	103366	21.752	ug/l 98
23) Vinyl Acetate	3.52	43	423757	104.615	ug/l 98
24) 1,1-Dichloroethane	3.45	63	51644	19.733	ug/l 98
25) 2-Butanone	4.26	43	138735	103.423	ug/l 99
26) 2,2-Dichloropropane	4.23	77	41418	20.292	ug/l 98
27) cis-1,2-Dichloroethene	4.23	96	25377	19.214	ug/l 94
28) Bromochloromethane	4.55	49	27851	22.076	ug/l 94
29) Tetrahydrofuran	4.64	42	86771	106.930	ug/l 95
30) Chloroform	4.67	83	46502	19.142	ug/l 100
31) Cyclohexane	5.00	56	45058	18.578	ug/l 97
32) 1,1,1-Trichloroethane	4.92	97	38545	19.872	ug/l 98
36) 1,1-Dichloropropene	5.14	75	33449	18.864	ug/l 97
37) Ethyl Acetate	4.38	43	47404	19.748	ug/l 99
38) Carbon Tetrachloride	5.13	117	31878	18.891	ug/l 99

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 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0926WBS02

Quant Time: Sep 27 01:04:44 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U092218W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 22 01:31:57 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	36363	18.870	ug/l	99
40) Benzene	5.39	78	101395	18.810	ug/l	100
41) Methacrylonitrile	4.54	41	27702	22.221	ug/l	96
42) 1,2-Dichloroethane	5.40	62	40429	19.851	ug/l	99
43) Isopropyl Acetate	5.55	43	74904	21.396	ug/l	97
44) Trichloroethene	6.19	130	21735	18.940	ug/l	99
45) 1,2-Dichloropropane	6.43	63	30958	20.156	ug/l	97
46) Dibromomethane	6.56	93	17352	18.706	ug/l	98
47) Bromodichloromethane	6.76	83	35400	18.873	ug/l	99
48) Methyl methacrylate	6.62	41	37003	20.039	ug/l	95
49) 1,4-Dioxane	6.61	88	14522	382.702	ug/l	94
51) 4-Methyl-2-Pentanone	7.46	43	251226	106.701	ug/l	99
52) Toluene	7.64	92	59305	19.193	ug/l	97
53) t-1,3-Dichloropropene	7.88	75	40632	20.162	ug/l	99
54) cis-1,3-Dichloropropene	7.27	75	43462	19.614	ug/l	98
55) 1,1,2-Trichloroethane	8.07	97	25871	19.760	ug/l	99
56) Ethyl methacrylate	8.02	69	40235	19.128	ug/l	97
57) 1,3-Dichloropropane	8.24	76	47339	19.440	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.13	63	118956	95.337	ug/l	99
59) 2-Hexanone	8.36	43	193215	104.835	ug/l	97
60) Dibromochloromethane	8.48	129	25415	19.790	ug/l	99
61) 1,2-Dibromoethane	8.59	107	25674	18.847	ug/l	99
64) Tetrachloroethene	8.23	164	17988	18.349	ug/l	98
65) Chlorobenzene	9.12	112	61378	18.195	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.21	131	22529	19.390	ug/l	100
67) Ethyl Benzene	9.25	91	108280	19.520	ug/l	99
68) m/p-Xylenes	9.38	106	80393	36.750	ug/l	97
69) o-Xylene	9.78	106	39373	20.033	ug/l	100
70) Styrene	9.79	104	63138	18.392	ug/l	98
71) Bromoform	9.96	173	17096	19.027	ug/l #	98
73) Isopropylbenzene	10.17	105	106279	20.921	ug/l	99
74) N-amyl acetate	10.02	43	61696	20.981	ug/l	97
75) 1,1,2,2-Tetrachloroethane	10.46	83	44336	18.982	ug/l	99
76) 1,2,3-Trichloropropane	10.49	75	51904	25.583	ug/l	81
77) Bromobenzene	10.45	156	24243	19.528	ug/l	95
78) n-propylbenzene	10.59	91	124327	20.683	ug/l	100
79) 2-Chlorotoluene	10.66	91	77466	20.517	ug/l	99
80) 1,3,5-Trimethylbenzene	10.77	105	86803	20.699	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.49	75	51904	81.870	ug/l #	100
82) 4-Chlorotoluene	10.77	91	85814	20.270	ug/l	99
83) tert-Butylbenzene	11.10	119	85044	20.513	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	89452	20.960	ug/l	98
85) sec-Butylbenzene	11.32	105	105677	20.881	ug/l	99
86) p-Isopropyltoluene	11.48	119	89961	19.520	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	44895	19.434	ug/l	100
88) 1,4-Dichlorobenzene	11.51	146	45226	17.963	ug/l	98
89) n-Butylbenzene	11.89	91	76555	18.227	ug/l	99
90) Hexachloroethane	12.15	117	17130	18.613	ug/l	100
91) 1,2-Dichlorobenzene	11.88	146	45483	18.535	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	9939	20.859	ug/l	89

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Misc : 5.0mL/MSVOA_U/WATER
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Instrument :
MSVOA_U
ClientSampleId :
VU0926WBS02

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Quant Title : SW846 8260
QLast Update : Sat Sep 22 01:31:57 2018
Response via : Initial Calibration

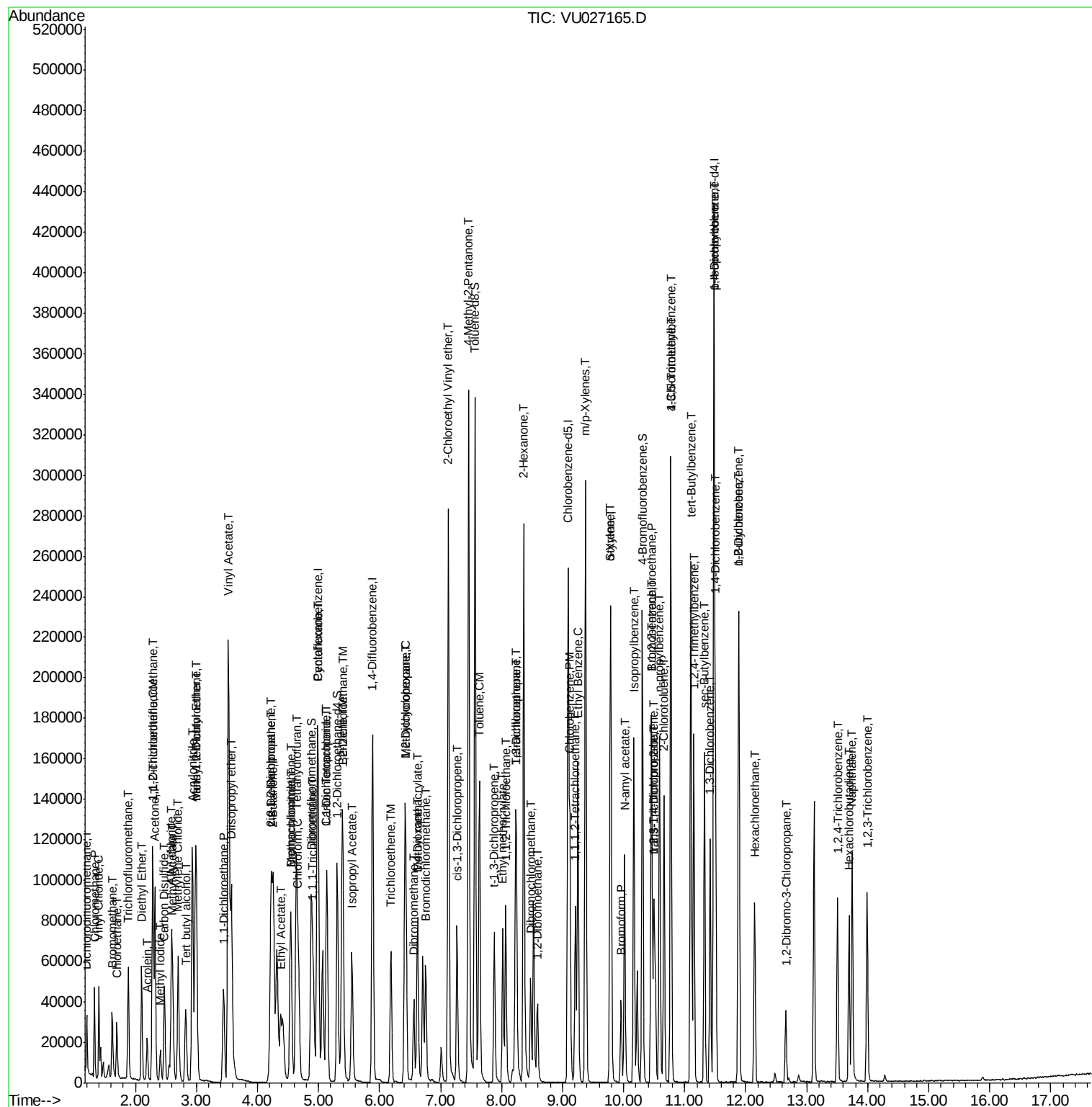
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.50	180	26201	18.528	ug/l	98
94) Hexachlorobutadiene	13.69	225	14671	19.608	ug/l	100
95) Naphthalene	13.75	128	90414	17.489	ug/l	100
96) 1,2,3-Trichlorobenzene	13.99	180	28307	18.666	ug/l	99

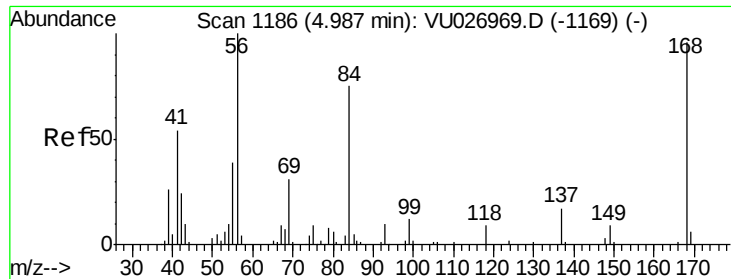
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : VU0926WBS02
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Quant Title : SW846 8260
QLast Update : Sat Sep 22 01:31:57 2018
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. -0.00 min

Lab File: VU027165.D

Acq: 26 Sep 2018 10:23

Instrument :

MSVOA_U

ClientSampleId :

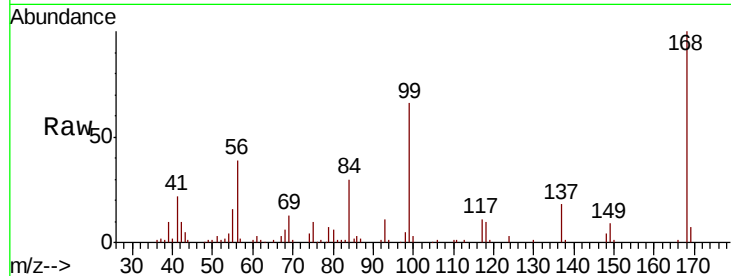
VU0926WBS02

Tgt Ion:168 Resp: 79308

Ion Ratio Lower Upper

168 100

99 64.7 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) (-)

4.98

40000

30000

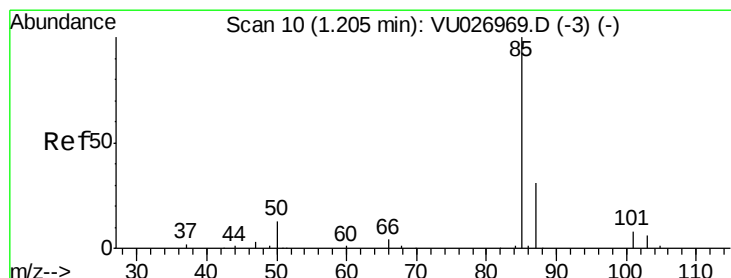
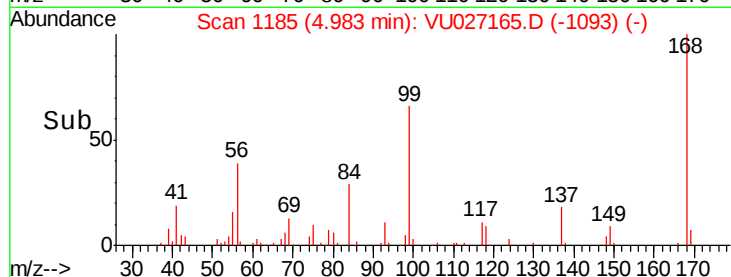
20000

10000

0

4.90 4.95 5.00 5.05 5.10

Time-->



#2

Dichlorodifluoromethane

Concen: 16.801 ug/l

RT: 1.21 min Scan# 10

Delta R.T. 0.00 min

Lab File: VU027165.D

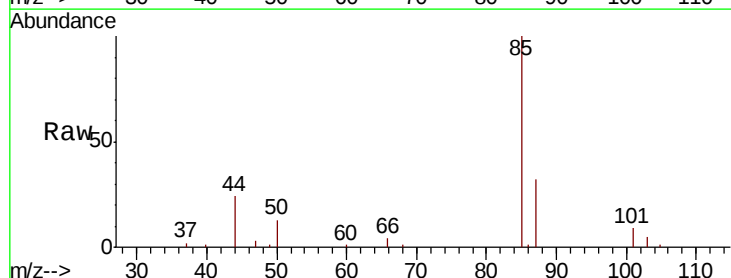
Acq: 26 Sep 2018 10:23

Tgt Ion: 85 Resp: 17397

Ion Ratio Lower Upper

85 100

87 32.5 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

20000

15000

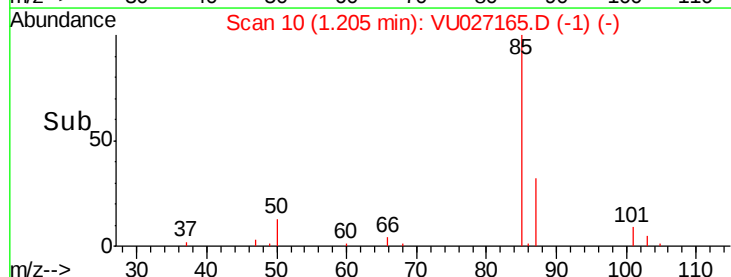
10000

5000

0

1.20 1.25

Time-->





#3

Chloromethane

Concen: 16.650 ug/l

RT: 1.33 min Scan# 49

Delta R.T. 0.00 min

Lab File: VU027165.D

Acq: 26 Sep 2018 10:23

Instrument :

MSVOA_U

ClientSampleId :

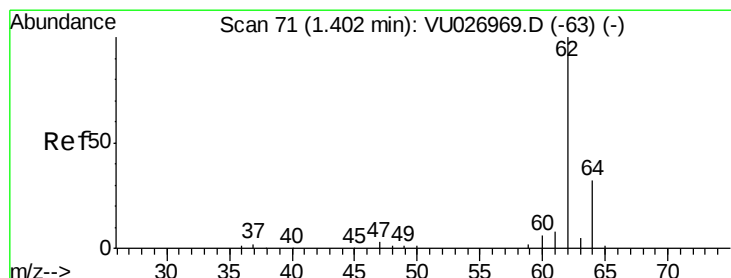
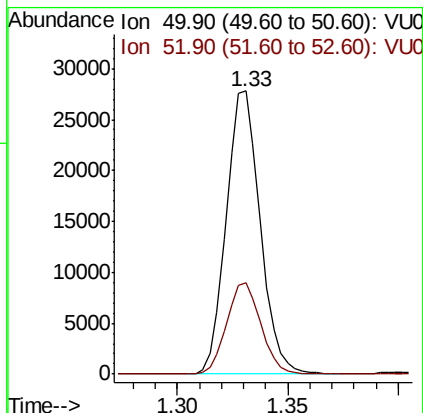
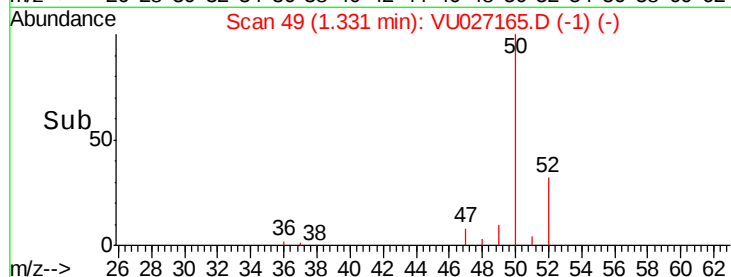
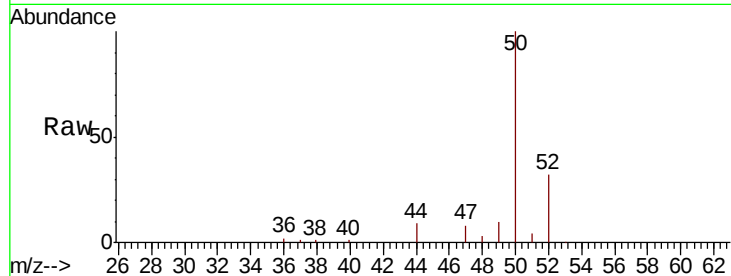
VU0926WBS02

Tgt Ion: 50 Resp: 29724

Ion Ratio Lower Upper

50 100

52 32.2 25.9 38.9



#4

Vinyl Chloride

Concen: 16.935 ug/l

RT: 1.40 min Scan# 71

Delta R.T. 0.00 min

Lab File: VU027165.D

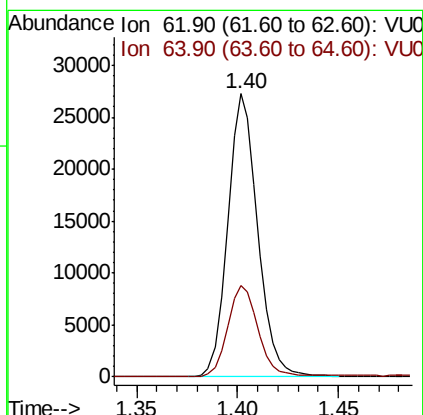
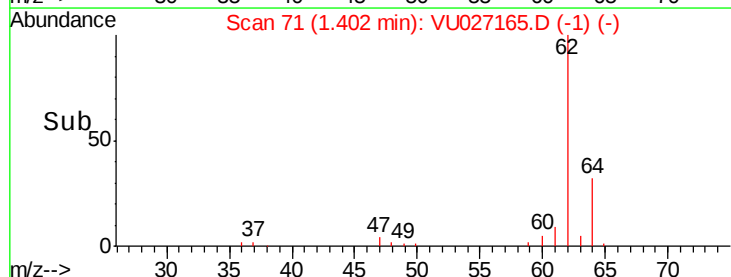
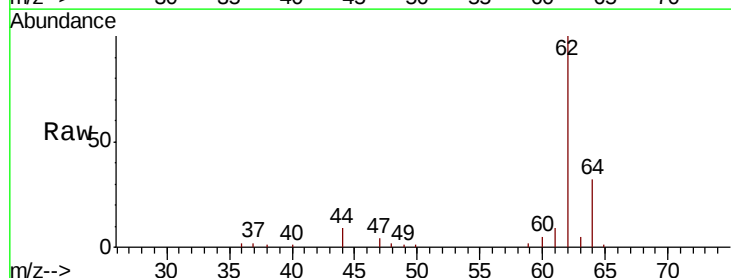
Acq: 26 Sep 2018 10:23

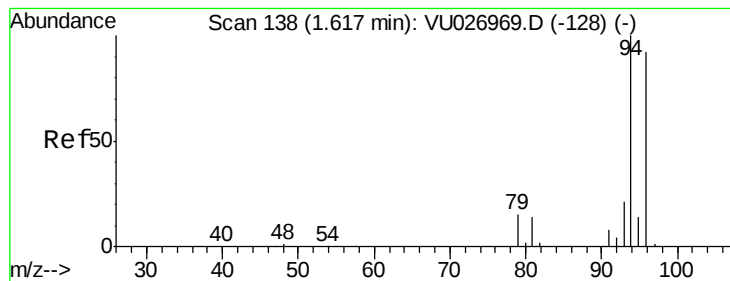
Tgt Ion: 62 Resp: 28221

Ion Ratio Lower Upper

62 100

64 32.1 25.5 38.3





#5

Bromomethane

Concen: 15.345 ug/l

RT: 1.62 min Scan# 139

Delta R.T. 0.00 min

Lab File: VU027165.D

Acq: 26 Sep 2018 10:23

Instrument :

MSVOA_U

ClientSampleId :

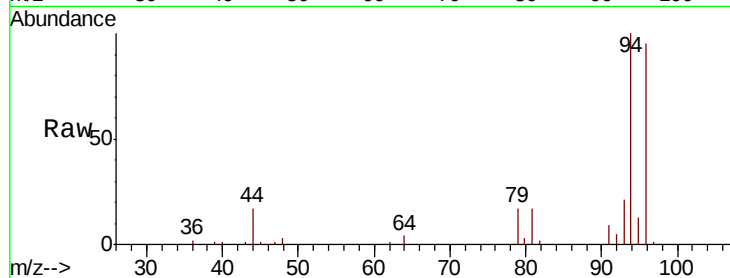
VU0926WBS02

Tgt Ion: 94 Resp: 14562

Ion Ratio Lower Upper

94 100

96 94.9 73.2 109.8



Abundance Ion 93.90 (93.60 to 94.60): VU0

Ion 95.90 (95.60 to 96.60): VU0

12000

10000

8000

6000

4000

2000

0

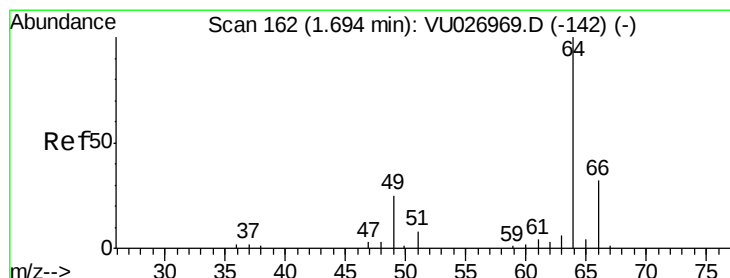
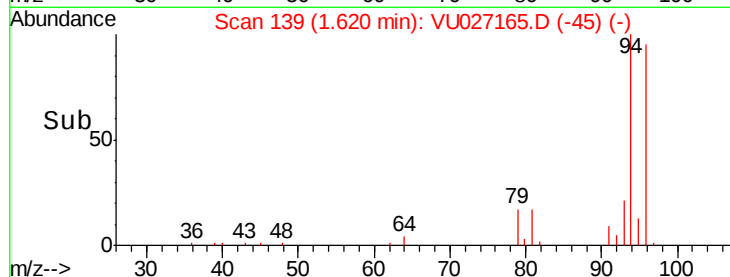
1.60

1.62

1.65

1.70

Time-->



#6

Chloroethane

Concen: 17.247 ug/l

RT: 1.70 min Scan# 163

Delta R.T. 0.00 min

Lab File: VU027165.D

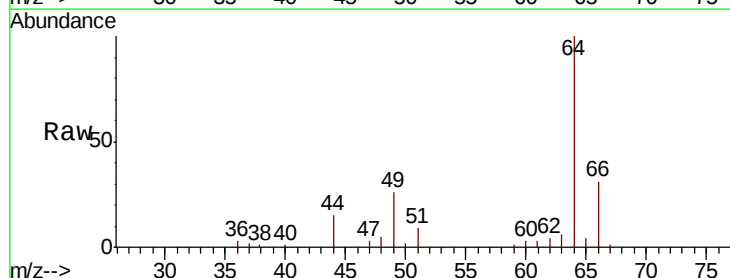
Acq: 26 Sep 2018 10:23

Tgt Ion: 64 Resp: 18364

Ion Ratio Lower Upper

64 100

66 32.2 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VU0

Ion 65.90 (65.60 to 66.60): VU0

15000

10000

5000

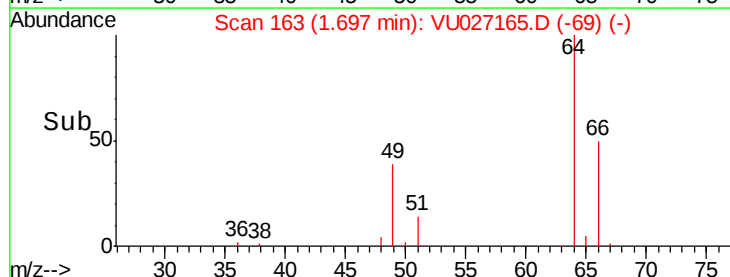
0

1.65

1.70

1.75

Time-->



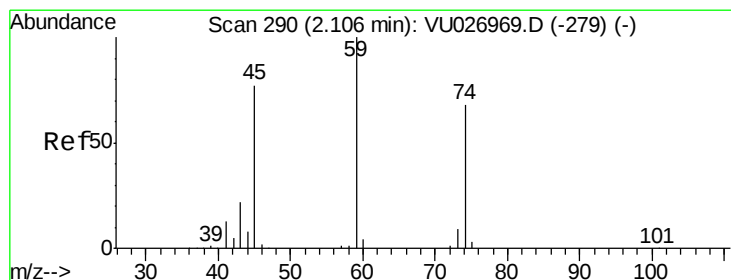
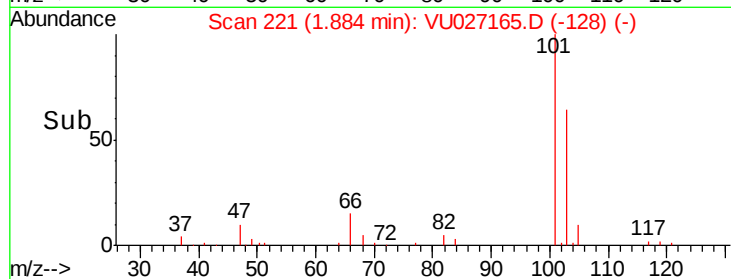
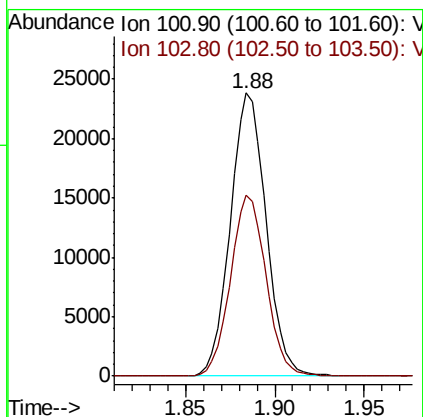
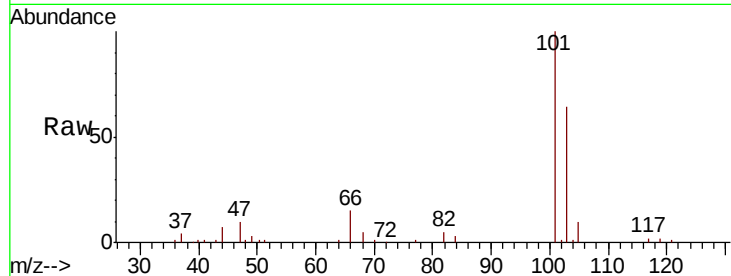


#7

Trichlorofluoromethane
 Concen: 17.571 ug/l
 RT: 1.88 min Scan# 221
 Delta R.T. 0.00 min
 Lab File: VU027165.D
 Acq: 26 Sep 2018 10:23

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0926WBS02

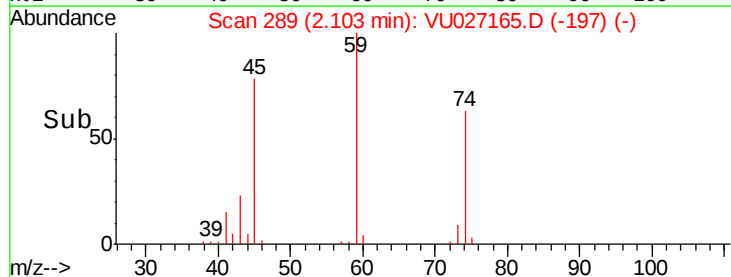
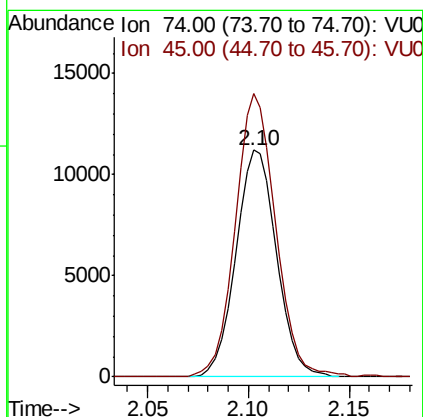
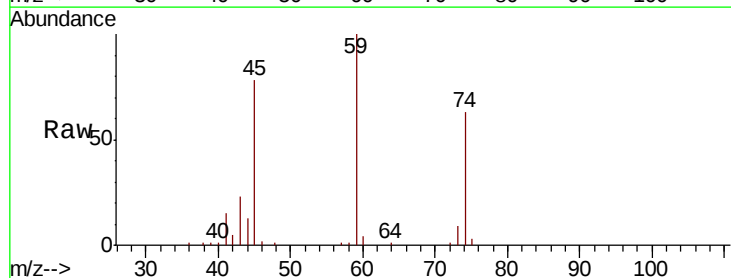
Tgt Ion: 101 Resp: 33256
 Ion Ratio Lower Upper
 101 100
 103 63.9 52.2 78.2



#8

Diethyl Ether
 Concen: 17.351 ug/l
 RT: 2.10 min Scan# 289
 Delta R.T. -0.00 min
 Lab File: VU027165.D
 Acq: 26 Sep 2018 10:23

Tgt Ion: 74 Resp: 15807
 Ion Ratio Lower Upper
 74 100
 45 123.8 56.9 170.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.822 ug/l

RT: 2.29 min Scan# 346

Delta R.T. 0.00 min

Lab File: VU027165.D

Acq: 26 Sep 2018 10:23

Instrument :

MSVOA_U

ClientSampleId :

VU0926WBS02

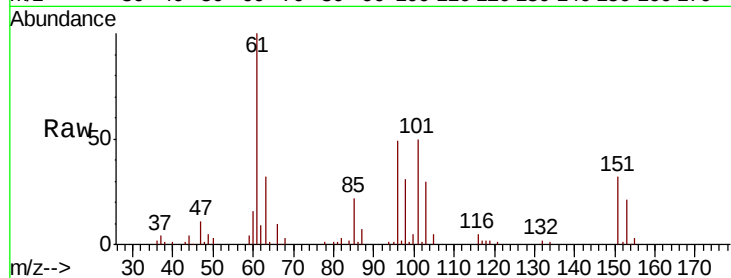
Tgt Ion:101 Resp: 20741

Ion Ratio Lower Upper

101 100

85 45.7 36.2 54.2

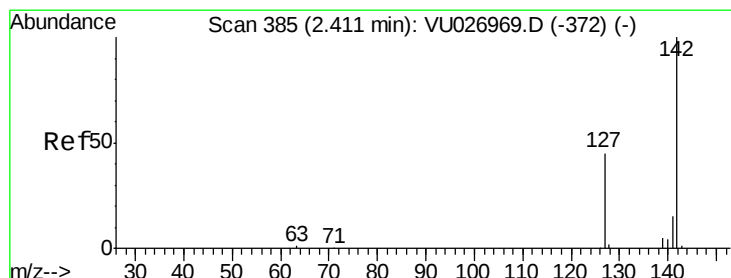
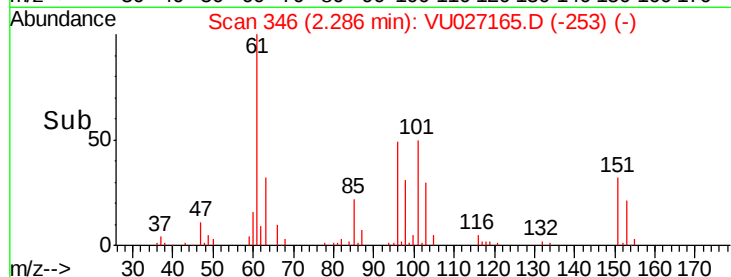
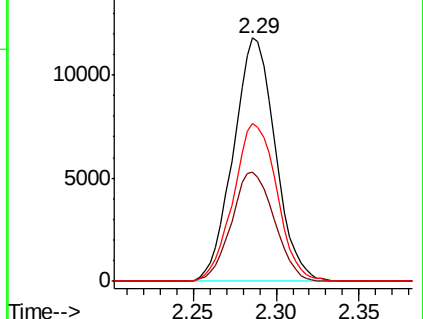
151 67.3 54.5 81.7



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: 10.122 ug/l

RT: 2.41 min Scan# 385

Delta R.T. 0.00 min

Lab File: VU027165.D

Acq: 26 Sep 2018 10:23

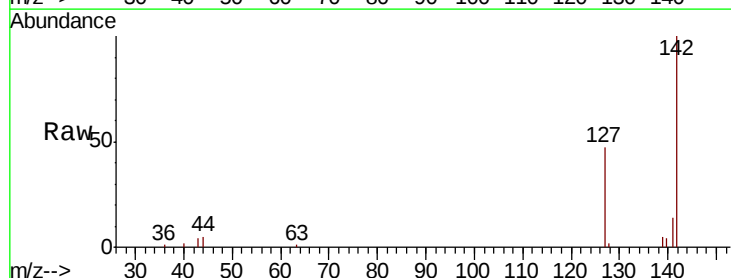
Tgt Ion:142 Resp: 14609

Ion Ratio Lower Upper

142 100

127 45.9 36.7 55.1

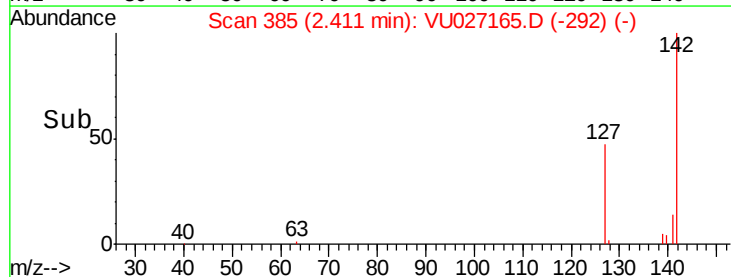
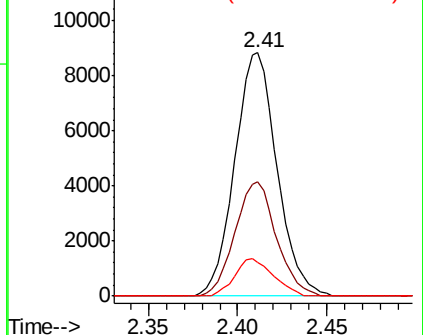
141 14.1 11.8 17.6

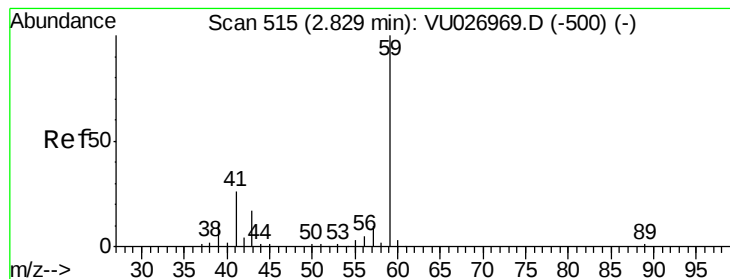


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



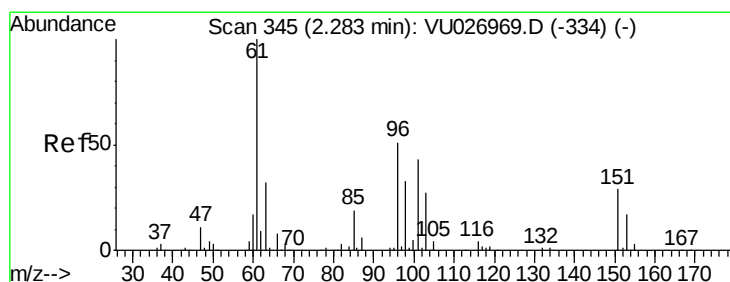
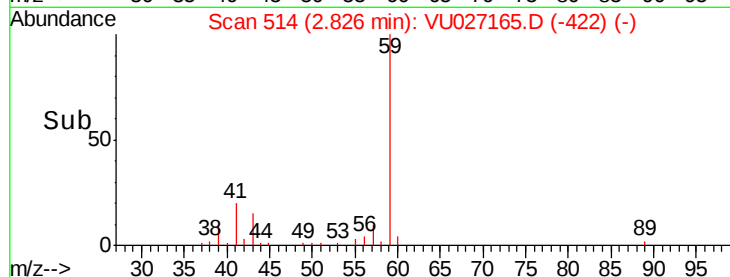
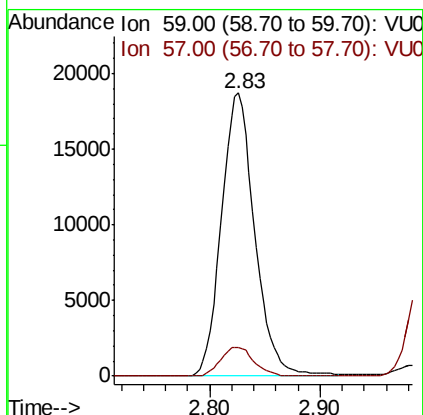
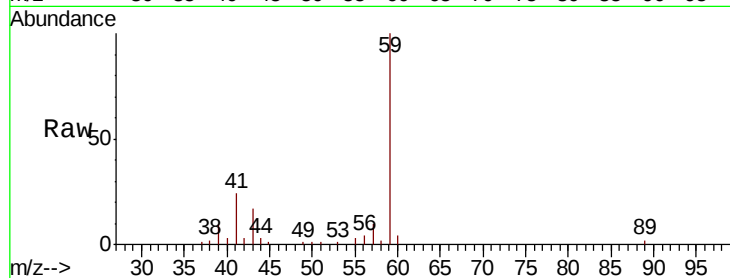


#11

Tert butyl alcohol
 Concen: 107.183 ug/l
 RT: 2.83 min Scan# 514
 Delta R.T. -0.00 min
 Lab File: VU027165.D
 Acq: 26 Sep 2018 10:23

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0926WBS02

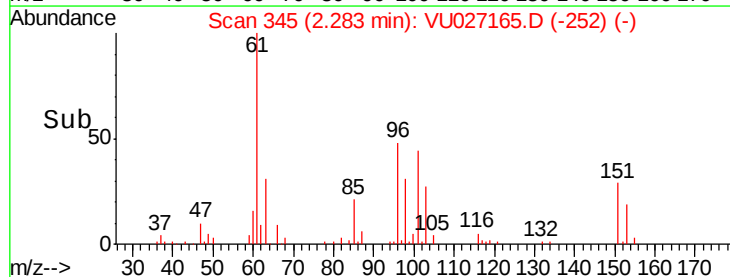
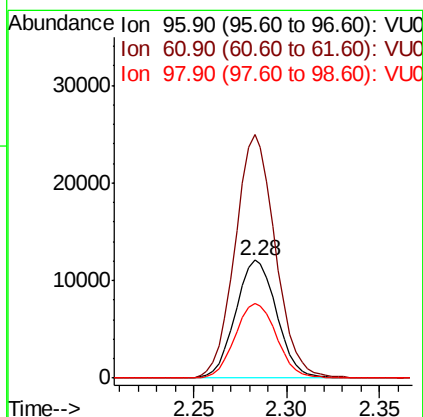
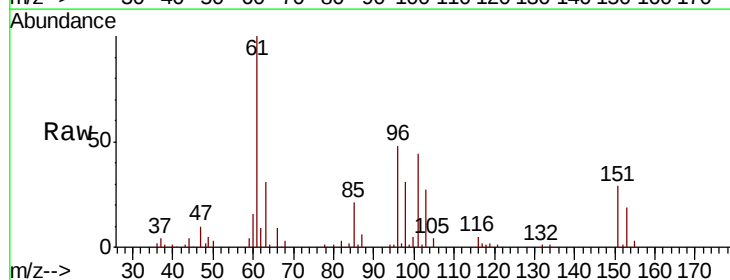
Tgt Ion: 59 Resp: 39214
 Ion Ratio Lower Upper
 59 100
 57 10.0 8.5 12.7

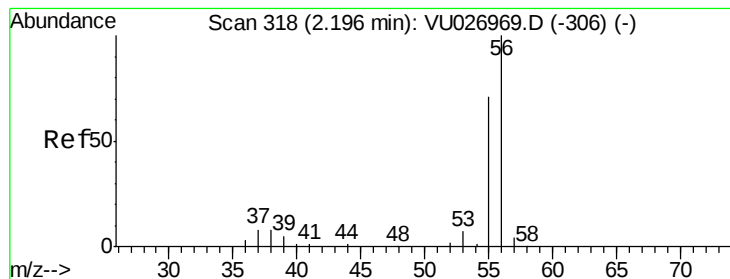


#12

1,1-Dichloroethene
 Concen: 16.989 ug/l
 RT: 2.28 min Scan# 345
 Delta R.T. 0.00 min
 Lab File: VU027165.D
 Acq: 26 Sep 2018 10:23

Tgt Ion: 96 Resp: 18609
 Ion Ratio Lower Upper
 96 100
 61 206.6 156.1 234.1
 98 63.8 51.4 77.0





#13

Acrolein

Concen: 74.312 ug/l

RT: 2.20 min Scan# 318

Delta R.T. 0.00 min

Lab File: VU027165.D

Acq: 26 Sep 2018 10:23

Instrument :

MSVOA_U

ClientSampleId :

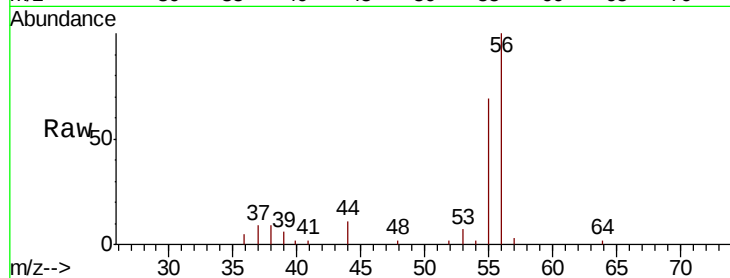
VU0926WBS02

Tgt Ion: 56 Resp: 14656

Ion Ratio Lower Upper

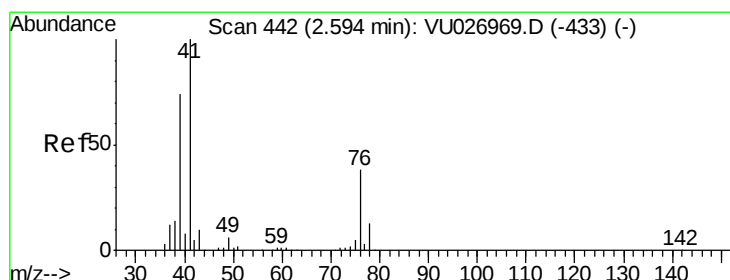
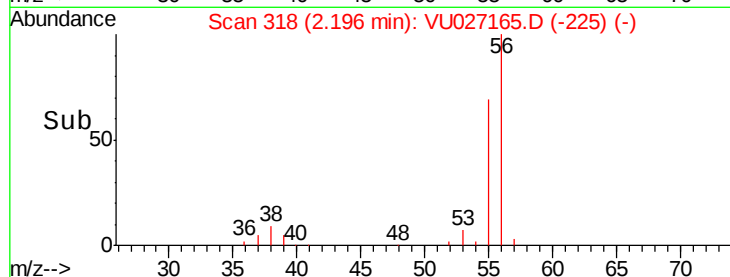
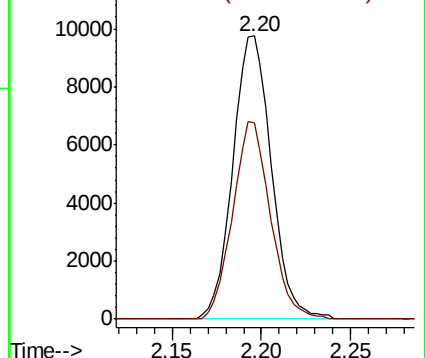
56 100

55 67.9 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: 20.469 ug/l

RT: 2.59 min Scan# 441

Delta R.T. -0.00 min

Lab File: VU027165.D

Acq: 26 Sep 2018 10:23

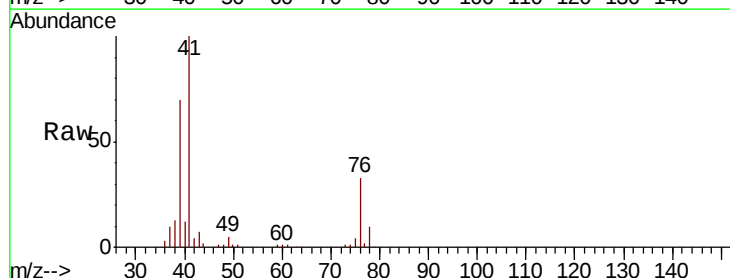
Tgt Ion: 41 Resp: 45476

Ion Ratio Lower Upper

41 100

39 69.6 55.7 83.5

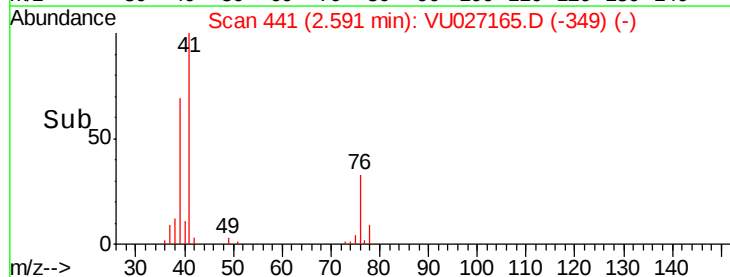
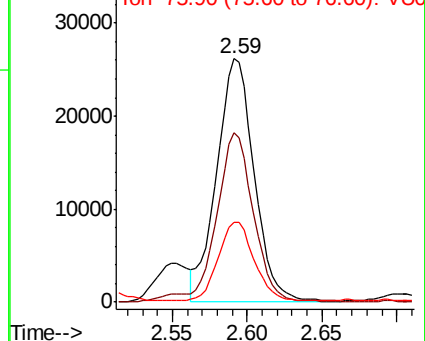
76 31.2 26.5 39.7

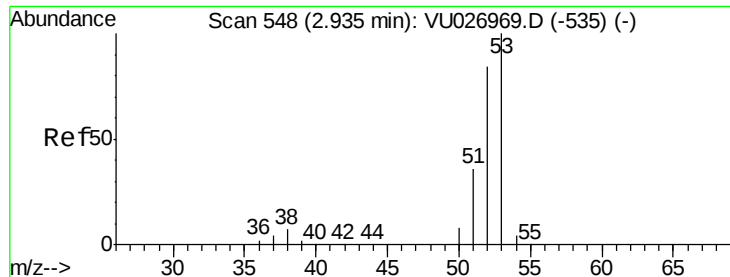


Abundance Ion 41.00 (40.70 to 41.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

Ion 75.90 (75.60 to 76.60): VU0





#15

Acrylonitrile

Concen: 100.864 ug/l

RT: 2.94 min Scan# 548

Delta R.T. 0.00 min

Lab File: VU027165.D

Acq: 26 Sep 2018 10:23

Instrument :

MSVOA_U

ClientSampleId :

VU0926WBS02

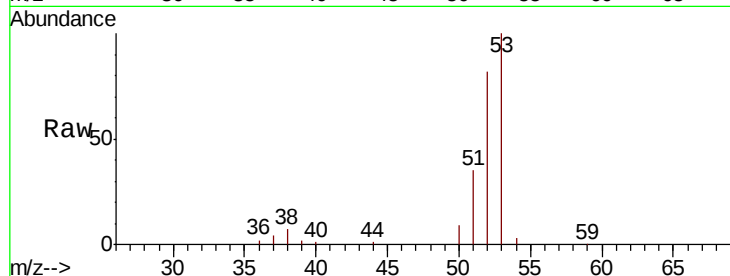
Tgt Ion: 53 Resp: 93008

Ion Ratio Lower Upper

53 100

52 82.7 65.7 98.5

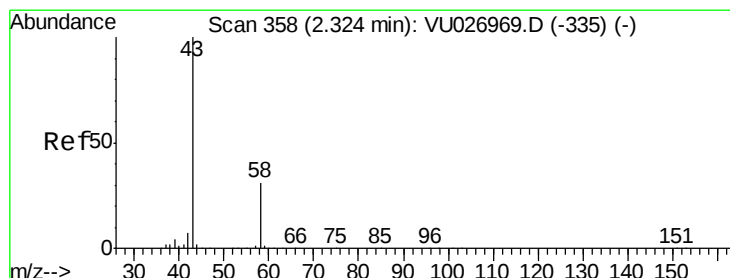
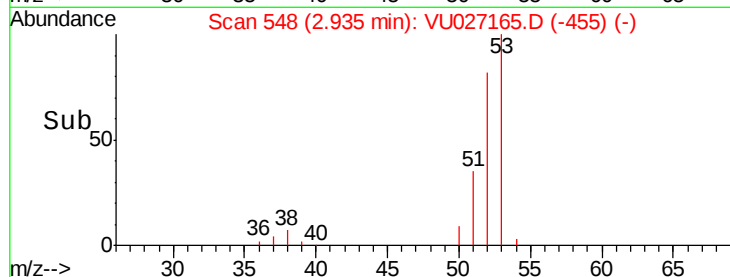
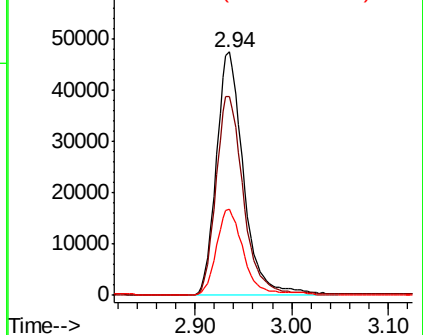
51 36.1 27.4 41.2



Abundance Ion 53.00 (52.70 to 53.70): VU0

Ion 52.00 (51.70 to 52.70): VU0

Ion 51.00 (50.70 to 51.70): VU0



#16

Acetone

Concen: 107.604 ug/l

RT: 2.32 min Scan# 357

Delta R.T. -0.00 min

Lab File: VU027165.D

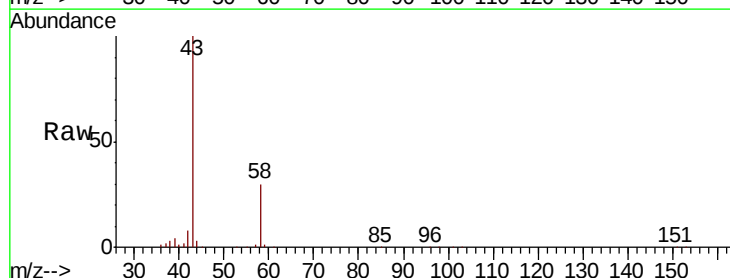
Acq: 26 Sep 2018 10:23

Tgt Ion: 43 Resp: 99248

Ion Ratio Lower Upper

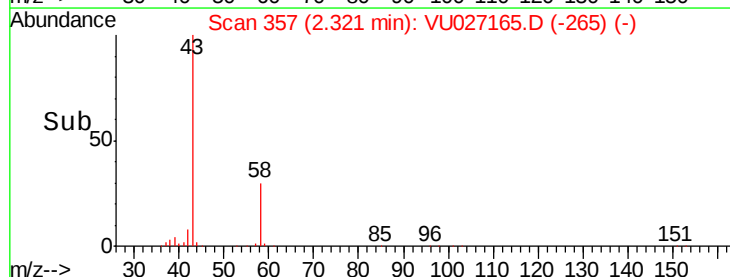
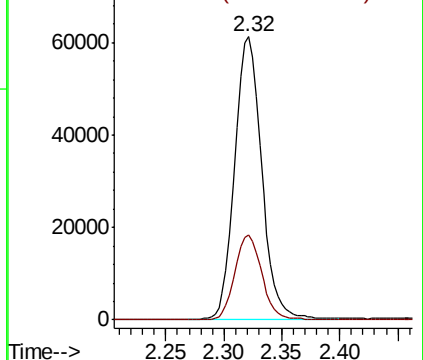
43 100

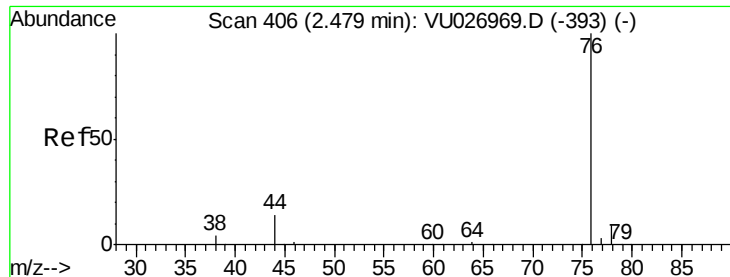
58 29.8 24.6 36.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

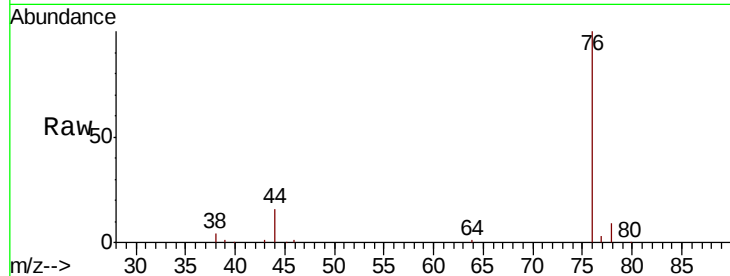




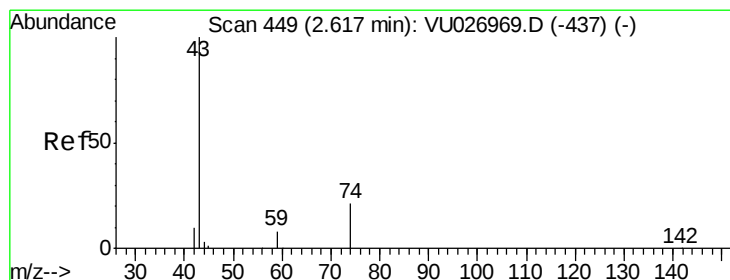
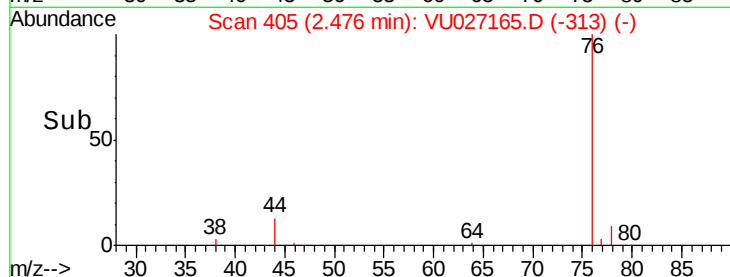
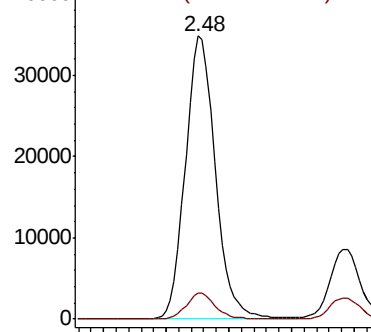
#17
Carbon Disulfide
Concen: 16.195 ug/l
RT: 2.48 min Scan# 405
Delta R.T. -0.00 min
Lab File: VU027165.D
Acq: 26 Sep 2018 10:23

Instrument :
MSVOA_U
ClientSampleId :
VU0926WBS02

Tgt Ion: 76 Resp: 57788
Ion Ratio Lower Upper
76 100
78 9.3 7.1 10.7

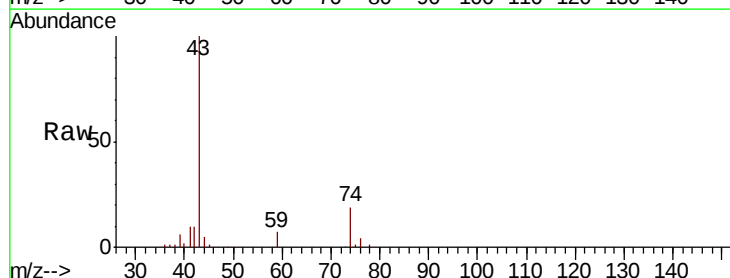


Abundance Ion 75.90 (75.60 to 76.60): VU0
Ion 77.90 (77.60 to 78.60): VU0

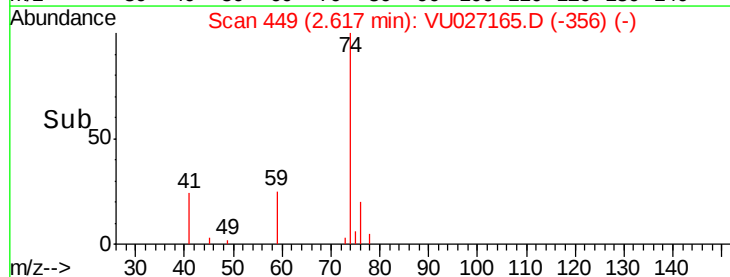
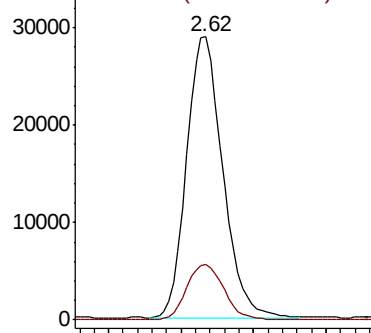


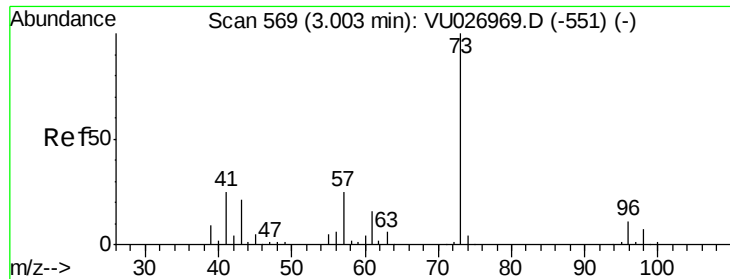
#18
Methyl Acetate
Concen: 22.022 ug/l
RT: 2.62 min Scan# 449
Delta R.T. 0.00 min
Lab File: VU027165.D
Acq: 26 Sep 2018 10:23

Tgt Ion: 43 Resp: 50032
Ion Ratio Lower Upper
43 100
74 20.3 16.6 25.0



Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 74.00 (73.70 to 74.70): VU0

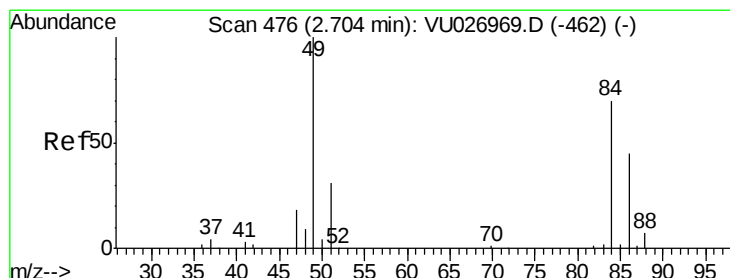
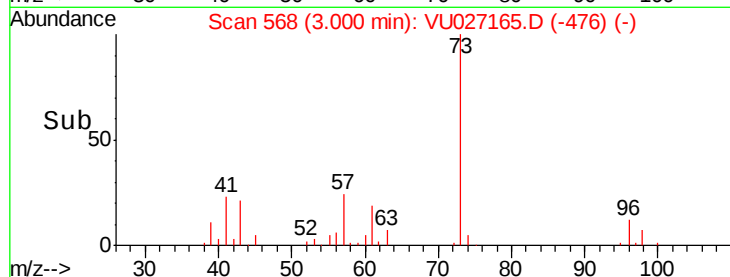
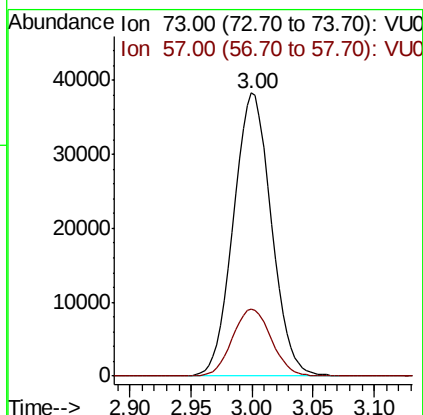
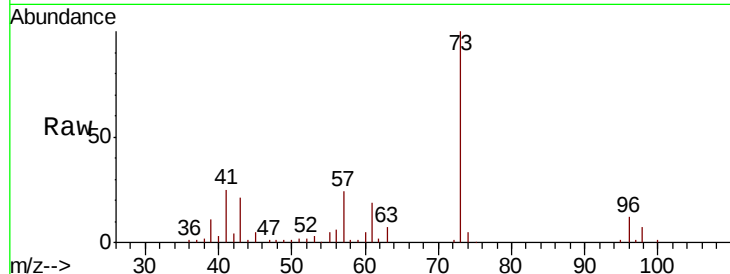




#19
Methyl tert-butyl Ether
Concen: 20.483 ug/l
RT: 3.00 min Scan# 568
Delta R.T. -0.00 min
Lab File: VU027165.D
Acq: 26 Sep 2018 10:23

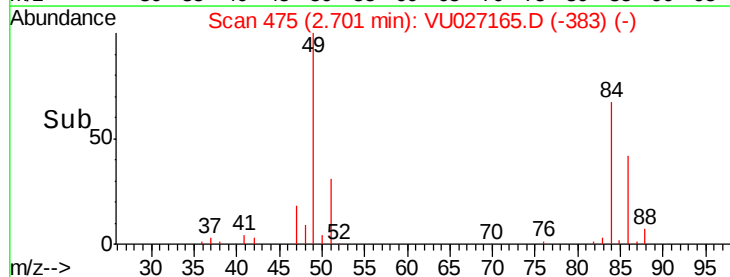
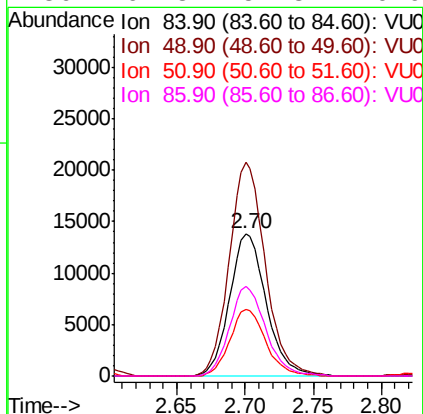
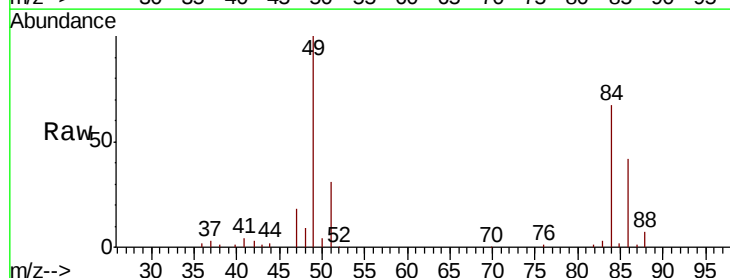
Instrument :
MSVOA_U
ClientSampleId :
VU0926WBS02

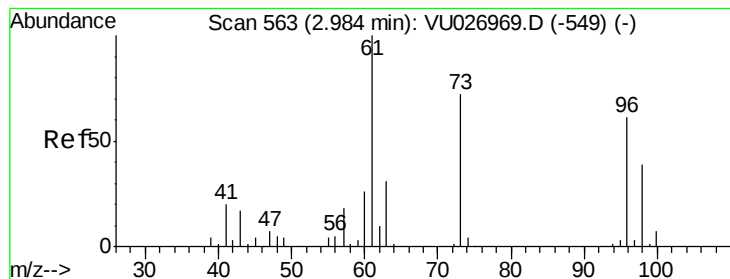
Tgt Ion: 73 Resp: 82450
Ion Ratio Lower Upper
73 100
57 23.9 19.8 29.6



#20
Methylene Chloride
Concen: 18.027 ug/l
RT: 2.70 min Scan# 475
Delta R.T. -0.00 min
Lab File: VU027165.D
Acq: 26 Sep 2018 10:23

Tgt Ion: 84 Resp: 25770
Ion Ratio Lower Upper
84 100
49 149.9 114.9 172.3
51 47.0 35.8 53.8
86 62.8 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 18.630 ug/l

RT: 2.98 min Scan# 563

Delta R.T. 0.00 min

Lab File: VU027165.D

Acq: 26 Sep 2018 10:23

Instrument :

MSVOA_U

ClientSampleId :

VU0926WBS02

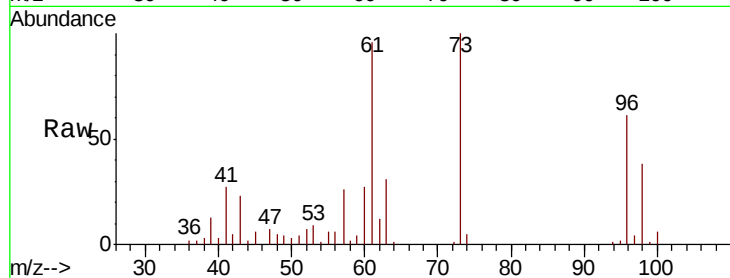
Tgt Ion: 96 Resp: 21787

Ion Ratio Lower Upper

96 100

61 156.6 131.8 197.6

98 62.1 50.9 76.3

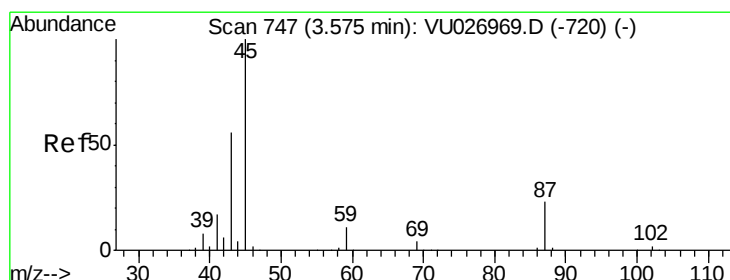
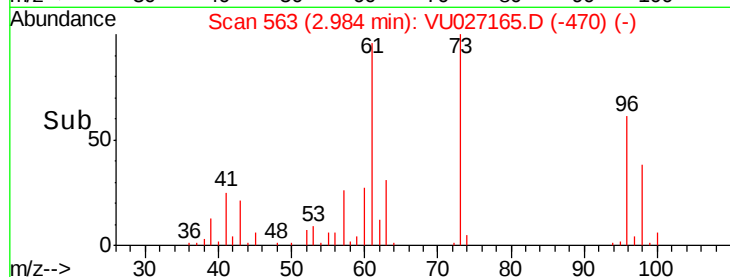
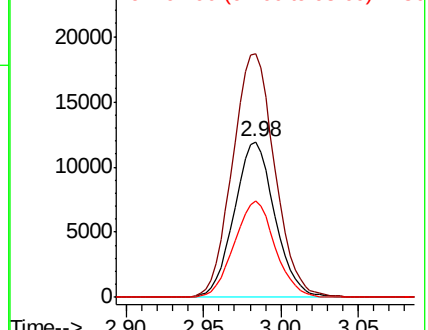


Abundance

Ion 95.90 (95.60 to 96.60): VU0

Ion 60.90 (60.60 to 61.60): VU0

Ion 97.90 (97.60 to 98.60): VU0



#22

Diisopropyl ether

Concen: 21.752 ug/l

RT: 3.57 min Scan# 746

Delta R.T. -0.00 min

Lab File: VU027165.D

Acq: 26 Sep 2018 10:23

Tgt Ion: 45 Resp: 103366

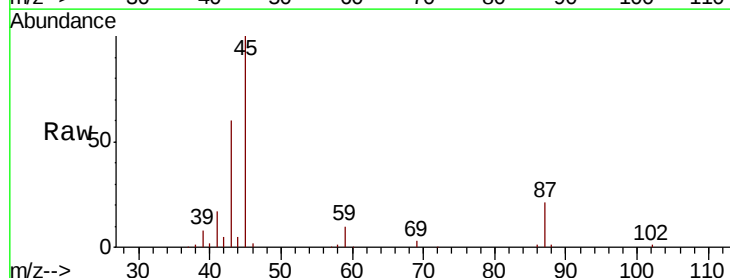
Ion Ratio Lower Upper

45 100

43 57.3 45.8 68.6

87 21.0 18.6 28.0

59 10.3 9.0 13.4



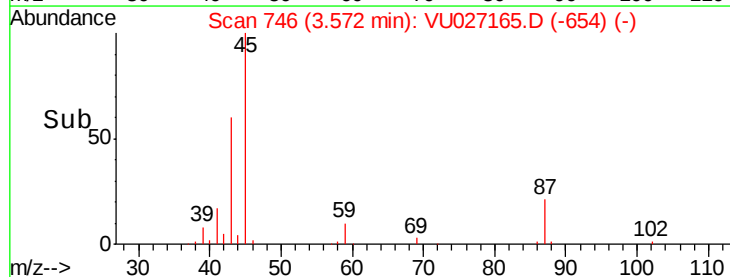
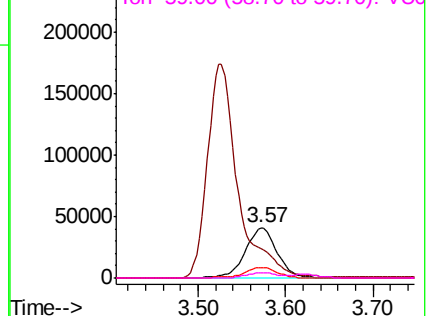
Abundance

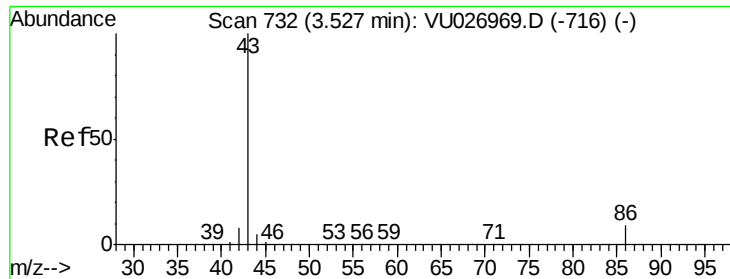
Ion 45.00 (44.70 to 45.70): VU0

Ion 43.00 (42.70 to 43.70): VU0

Ion 87.00 (86.70 to 87.70): VU0

Ion 59.00 (58.70 to 59.70): VU0





#23

Vinyl Acetate

Concen: 104.615 ug/l

RT: 3.52 min Scan# 731

Delta R.T. -0.00 min

Lab File: VU027165.D

Acq: 26 Sep 2018 10:23

Instrument :

MSVOA_U

ClientSampleId :

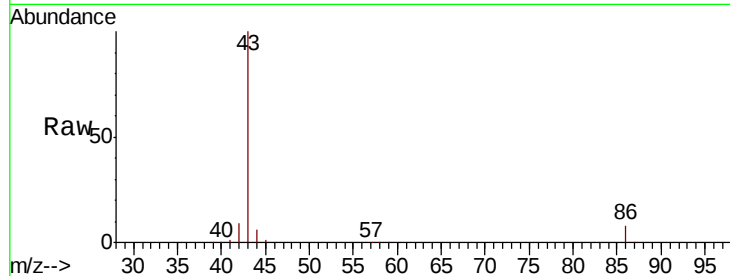
VU0926WBS02

Tgt Ion: 43 Resp: 423757

Ion Ratio Lower Upper

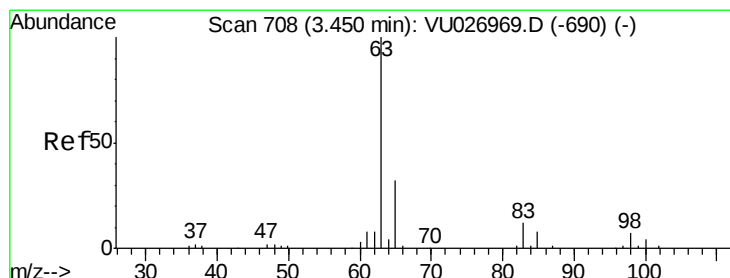
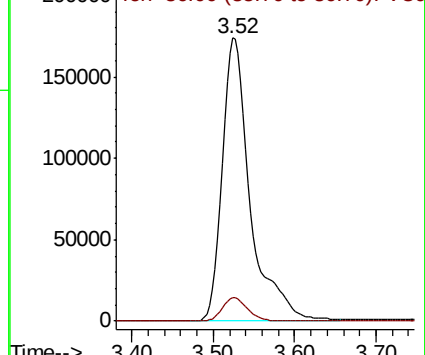
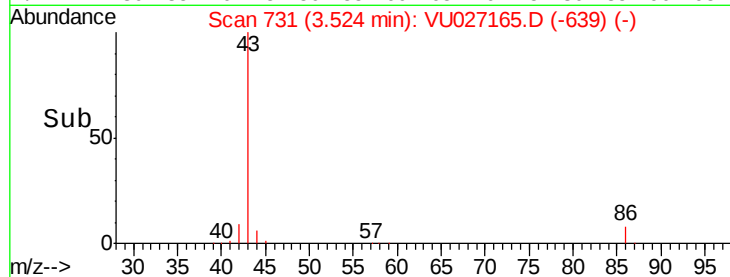
43 100

86 8.2 7.2 10.8



Abundance Ion 43.00 (42.70 to 43.70): VU027165.D (-639) (-)

Ion 86.00 (85.70 to 86.70): VU027165.D (-639) (-)



#24

1,1-Dichloroethane

Concen: 19.733 ug/l

RT: 3.45 min Scan# 707

Delta R.T. -0.00 min

Lab File: VU027165.D

Acq: 26 Sep 2018 10:23

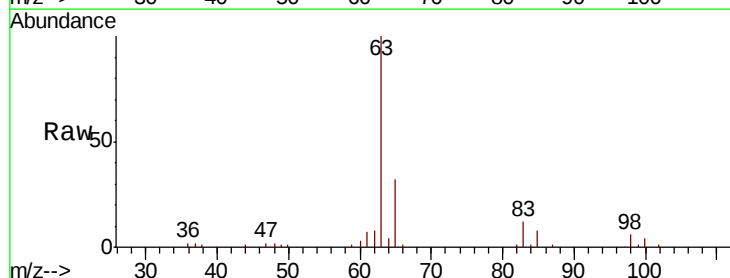
Tgt Ion: 63 Resp: 51644

Ion Ratio Lower Upper

63 100

98 5.5 3.3 9.8

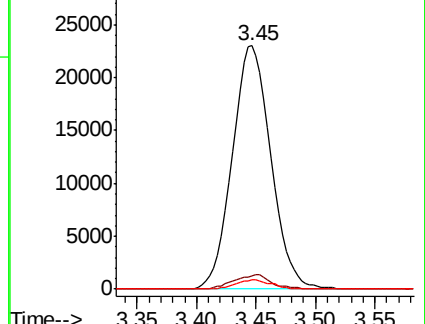
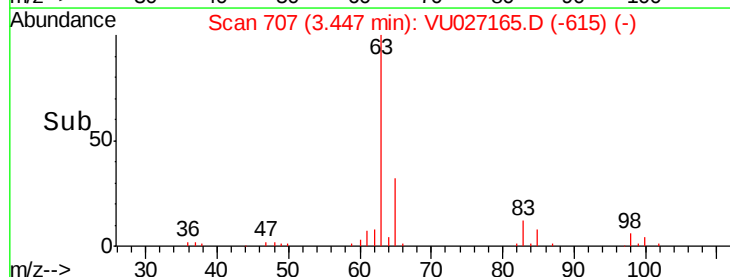
100 3.7 2.0 5.8



Abundance Ion 62.90 (62.60 to 63.60): VU027165.D (-615) (-)

Ion 97.90 (97.60 to 98.60): VU027165.D (-615) (-)

Ion 99.90 (99.60 to 100.60): VU027165.D (-615) (-)





#25

2-Butanone

Concen: 103.423 ug/l

RT: 4.26 min Scan# 961

Delta R.T. 0.00 min

Lab File: VU027165.D

Acq: 26 Sep 2018 10:23

Instrument :

MSVOA_U

ClientSampleId :

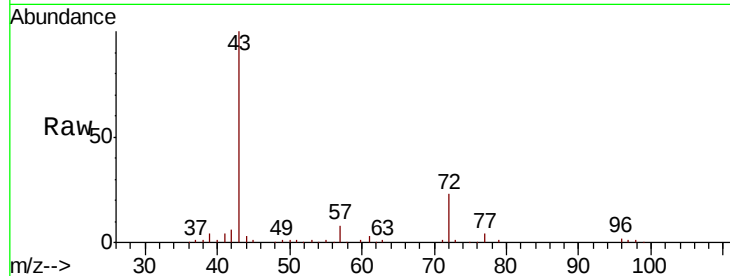
VU0926WBS02

Tgt Ion: 43 Resp: 138735

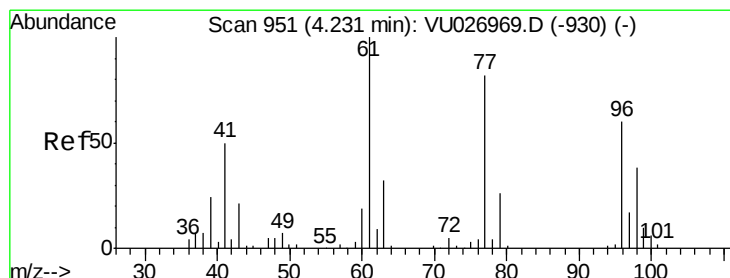
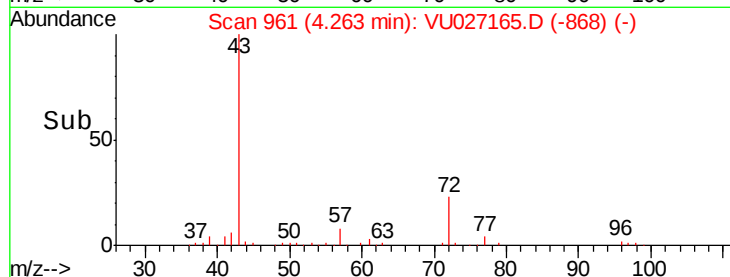
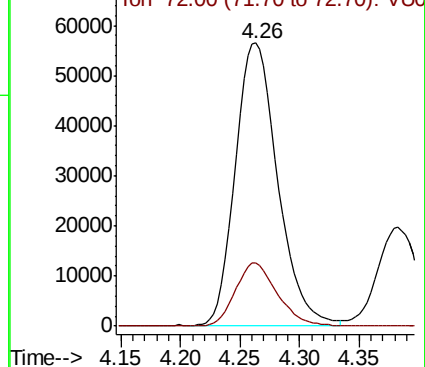
Ion Ratio Lower Upper

43 100

72 22.6 18.4 27.6



Abundance Ion 43.00 (42.70 to 43.70): VU027165.D (-868) (-)



#26

2,2-Dichloropropane

Concen: 20.292 ug/l

RT: 4.23 min Scan# 950

Delta R.T. -0.00 min

Lab File: VU027165.D

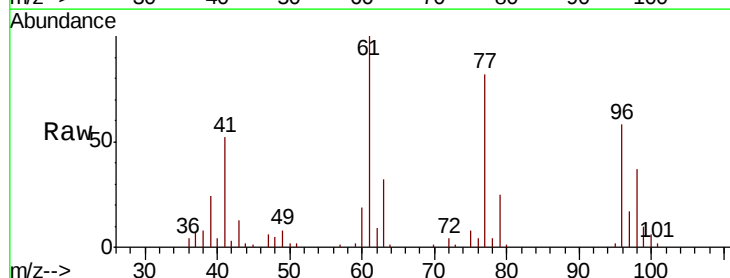
Acq: 26 Sep 2018 10:23

Tgt Ion: 77 Resp: 41418

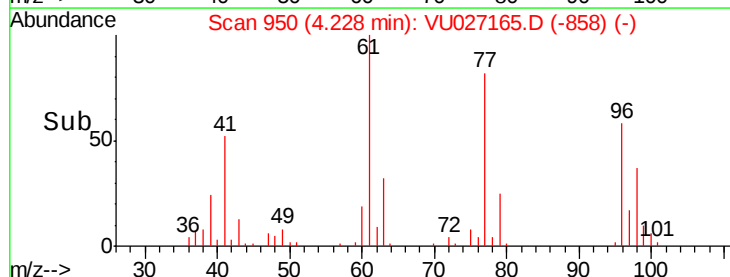
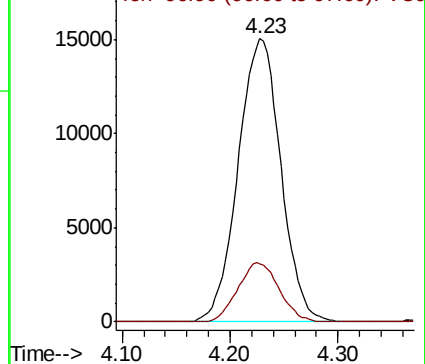
Ion Ratio Lower Upper

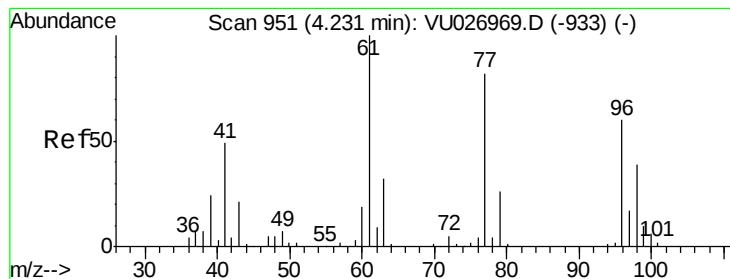
77 100

97 20.2 10.5 31.5



Abundance Ion 76.90 (76.60 to 77.60): VU027165.D (-858) (-)



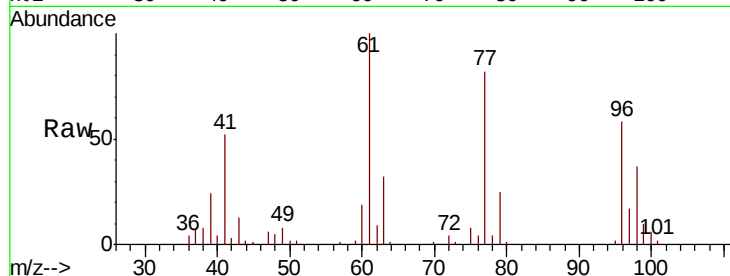


#27

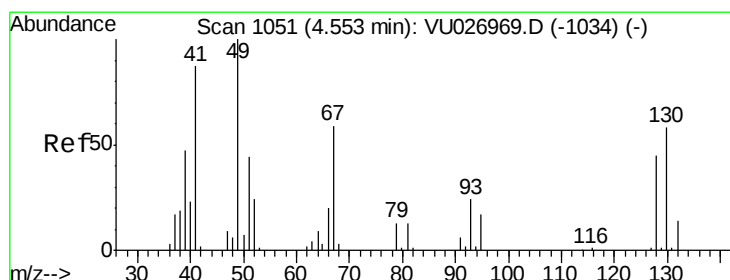
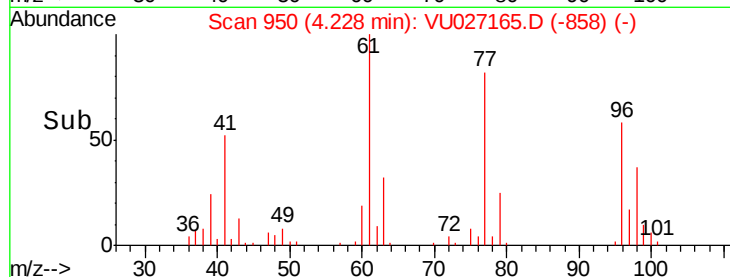
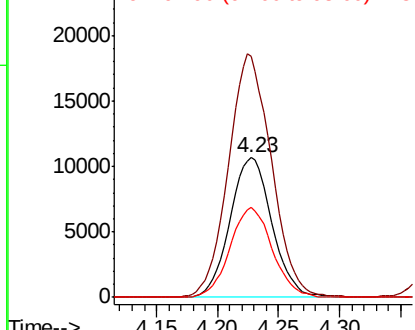
cis-1,2-Dichloroethene
 Concen: 19.214 ug/l
 RT: 4.23 min Scan# 950
 Delta R.T. -0.00 min
 Lab File: VU027165.D
 Acq: 26 Sep 2018 10:23

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0926WBS02

Tgt Ion: 96 Resp: 25377
 Ion Ratio Lower Upper
 96 100
 61 179.4 0.0 337.2
 98 64.8 0.0 127.6



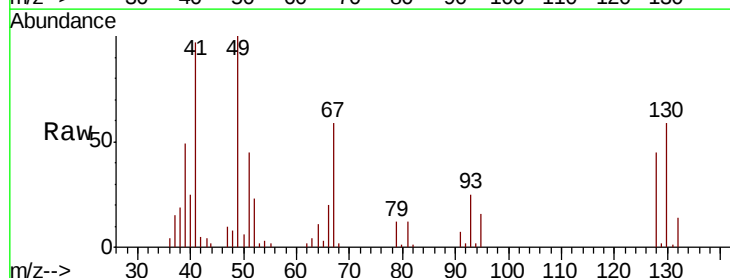
Abundance Ion 95.90 (95.60 to 96.60): VU0
 Ion 60.90 (60.60 to 61.60): VU0
 Ion 97.90 (97.60 to 98.60): VU0



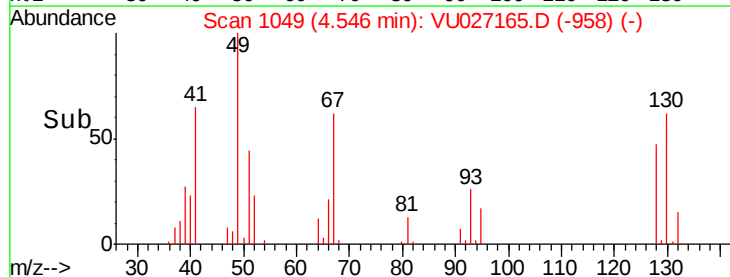
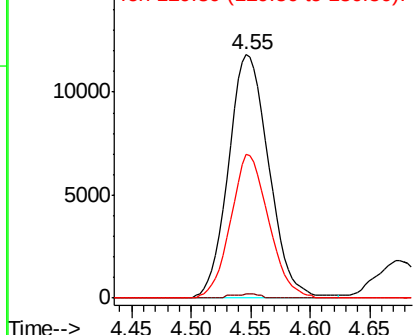
#28

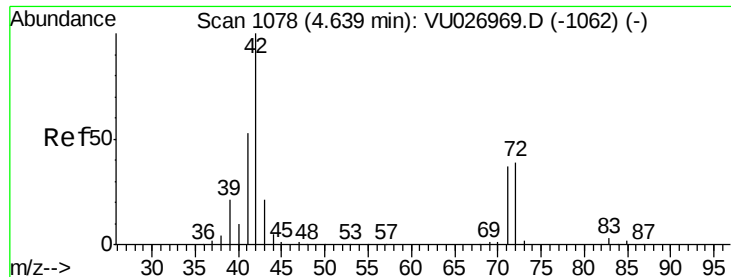
Bromochloromethane
 Concen: 22.076 ug/l
 RT: 4.55 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VU027165.D
 Acq: 26 Sep 2018 10:23

Tgt Ion: 49 Resp: 27851
 Ion Ratio Lower Upper
 49 100
 129 1.1 0.0 3.0
 130 55.3 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: 106.930 ug/l

RT: 4.64 min Scan# 1078

Delta R.T. 0.00 min

Lab File: VU027165.D

Acq: 26 Sep 2018 10:23

Instrument :
MSVOA_U

ClientSampleId :
VU0926WBS02

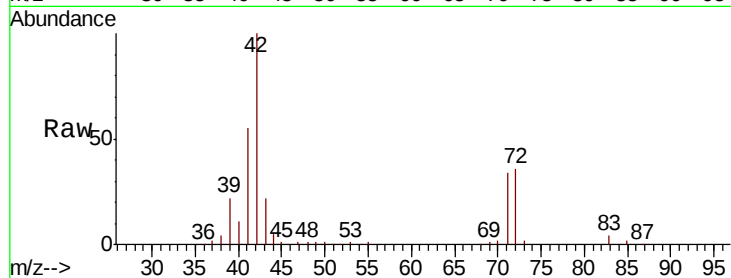
Tgt Ion: 42 Resp: 86771

Ion Ratio Lower Upper

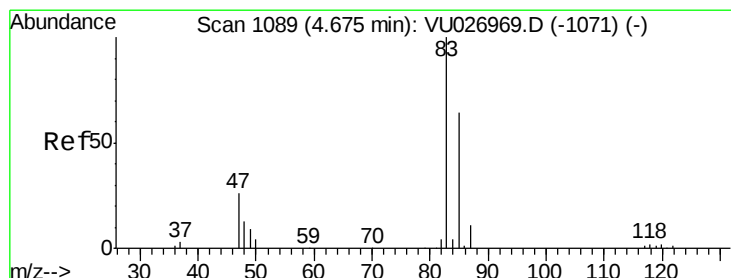
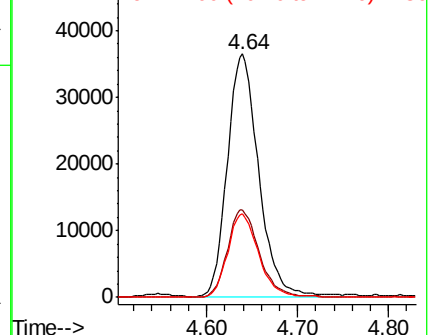
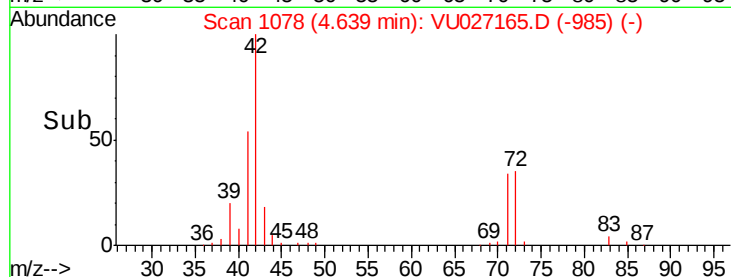
42 100

72 36.9 31.7 47.5

71 34.2 29.6 44.4



Abundance Ion 42.00 (41.70 to 42.70): VU027165.D (-985) (-)



#30

Chloroform

Concen: 19.142 ug/l

RT: 4.67 min Scan# 1089

Delta R.T. 0.00 min

Lab File: VU027165.D

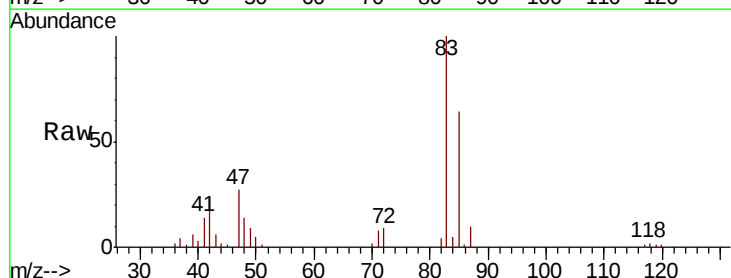
Acq: 26 Sep 2018 10:23

Tgt Ion: 83 Resp: 46502

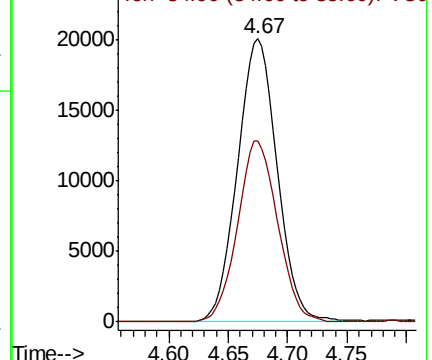
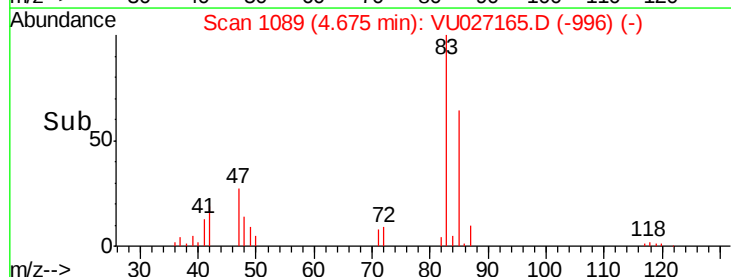
Ion Ratio Lower Upper

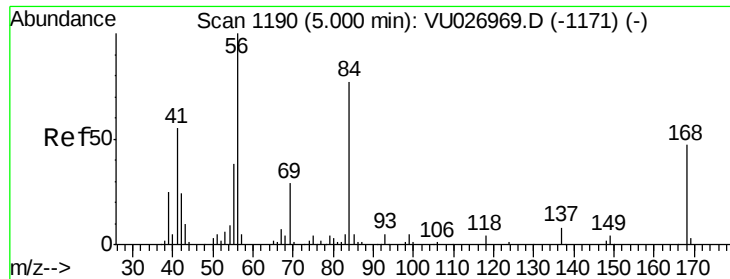
83 100

85 64.1 51.5 77.3



Abundance Ion 82.90 (82.60 to 83.60): VU027165.D (-996) (-)

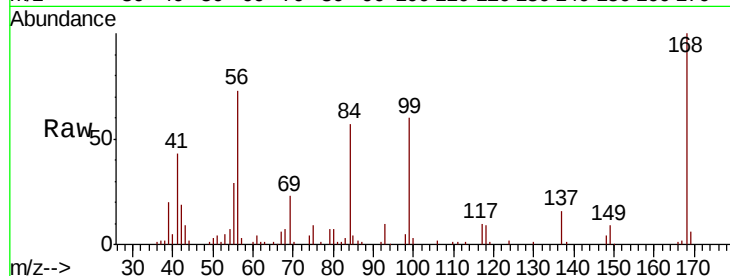




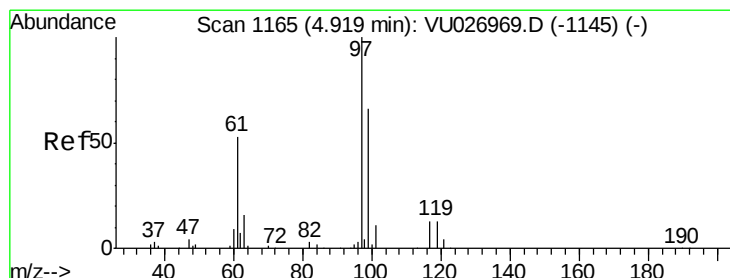
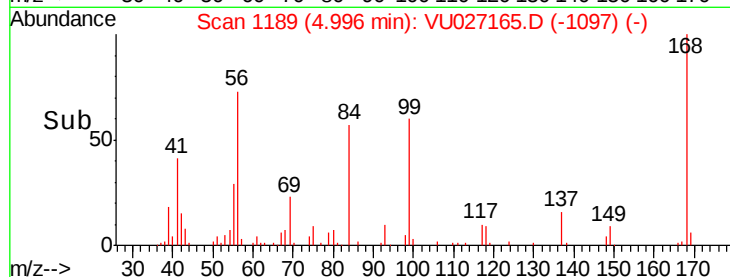
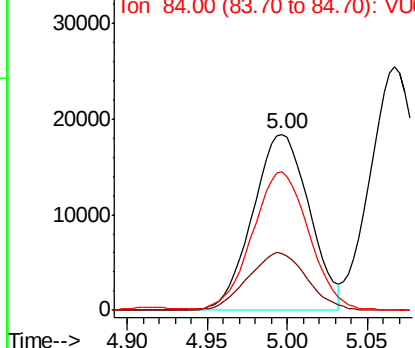
#31
Cyclohexane
Concen: 18.578 ug/l
RT: 5.00 min Scan# 1189
Delta R.T. -0.00 min
Lab File: VU027165.D
Acq: 26 Sep 2018 10:23

Instrument :
MSVOA_U
ClientSampleId :
VU0926WBS02

Tgt Ion: 56 Resp: 45058
Ion Ratio Lower Upper
56 100
69 32.0 23.0 34.4
84 78.1 61.4 92.2

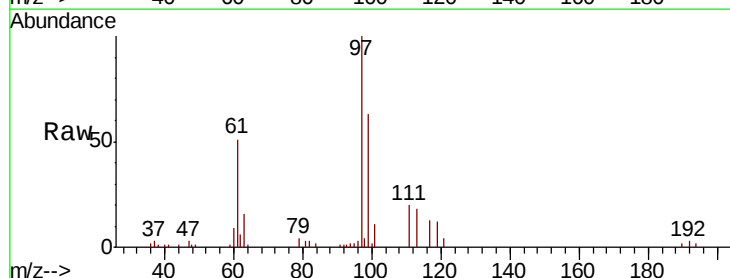


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

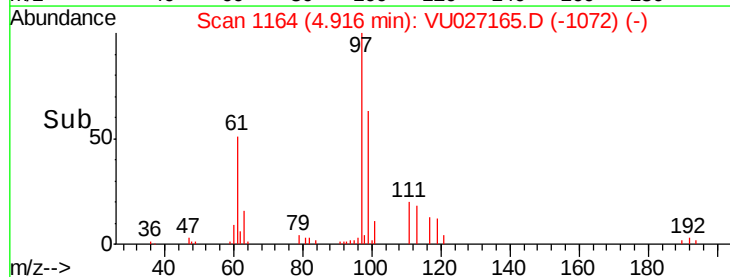
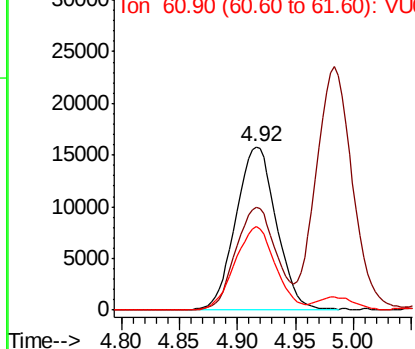


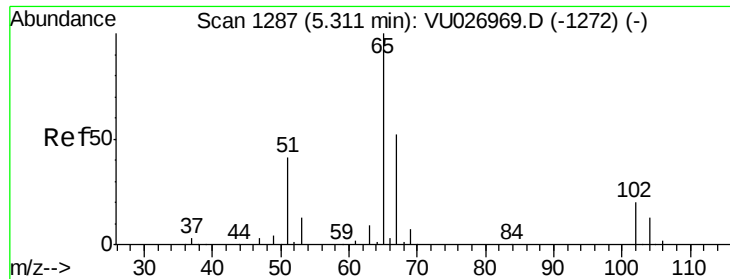
#32
1,1,1-Trichloroethane
Concen: 19.872 ug/l
RT: 4.92 min Scan# 1164
Delta R.T. -0.00 min
Lab File: VU027165.D
Acq: 26 Sep 2018 10:23

Tgt Ion: 97 Resp: 38545
Ion Ratio Lower Upper
97 100
99 62.6 51.8 77.6
61 51.1 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

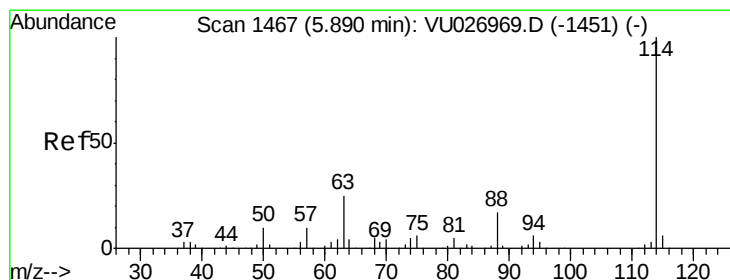
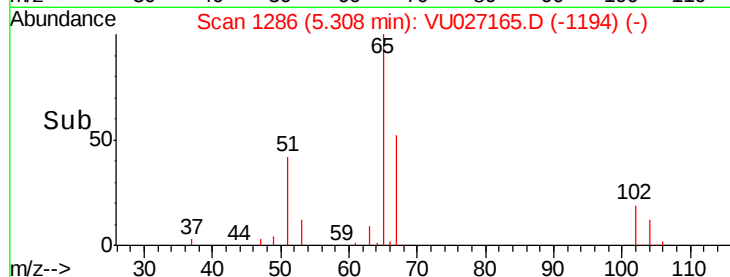
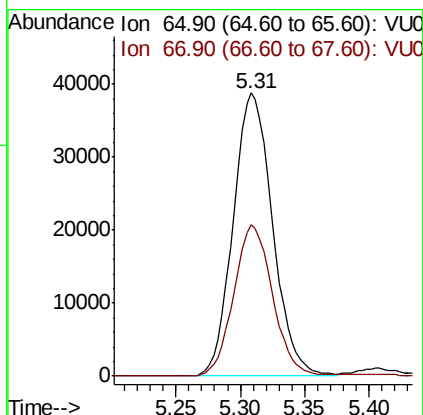
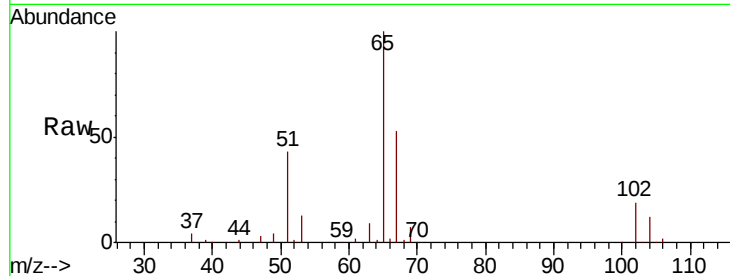




#33
 1,2-Dichloroethane-d4
 Concen: 51.624 ug/l
 RT: 5.31 min Scan# 1286
 Delta R.T. -0.00 min
 Lab File: VU027165.D
 Acq: 26 Sep 2018 10:23

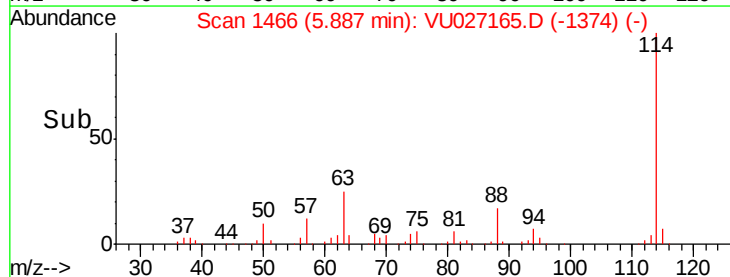
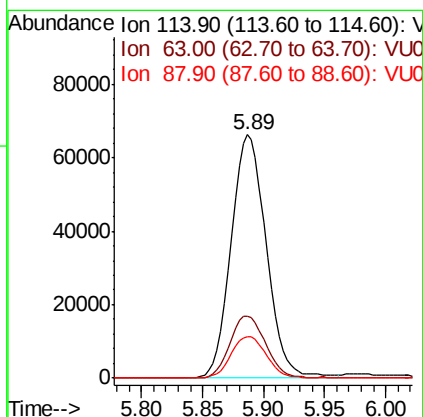
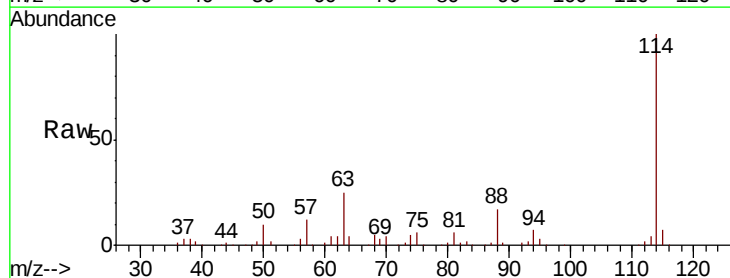
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0926WBS02

Tgt Ion: 65 Resp: 82403
 Ion Ratio Lower Upper
 65 100
 67 52.7 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: VU027165.D
 Acq: 26 Sep 2018 10:23

Tgt Ion: 114 Resp: 132863
 Ion Ratio Lower Upper
 114 100
 63 25.5 0.0 49.2
 88 17.1 0.0 33.8

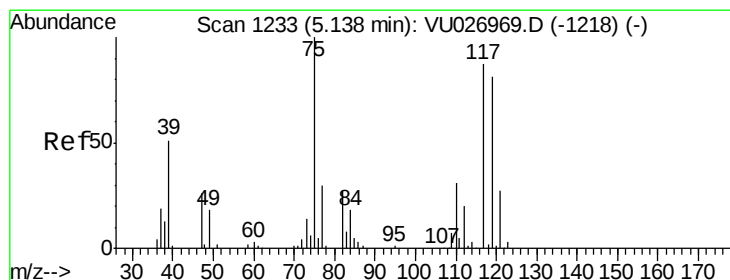
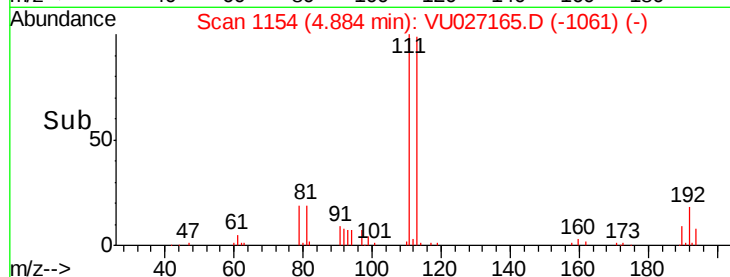
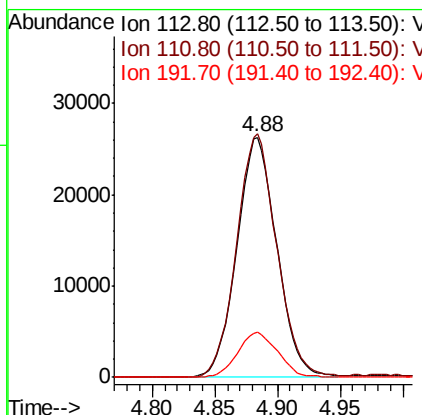
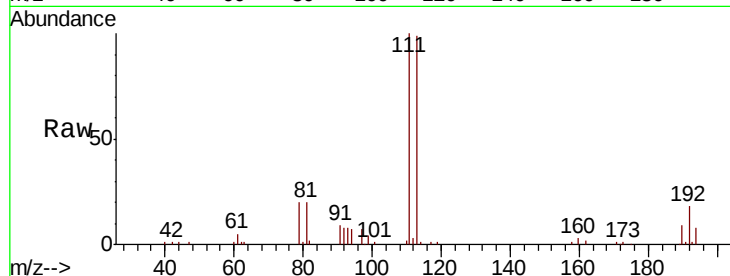




#35
 Dibromofluoromethane
 Concen: 50.561 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: VU027165.D
 Acq: 26 Sep 2018 10:23

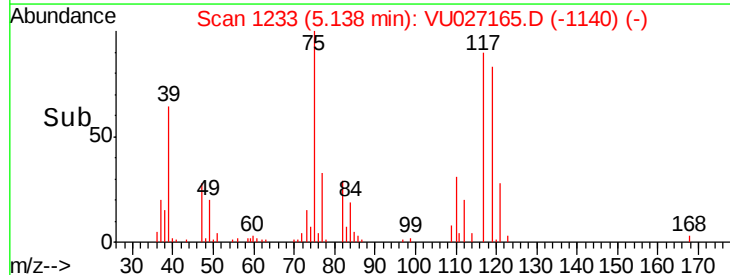
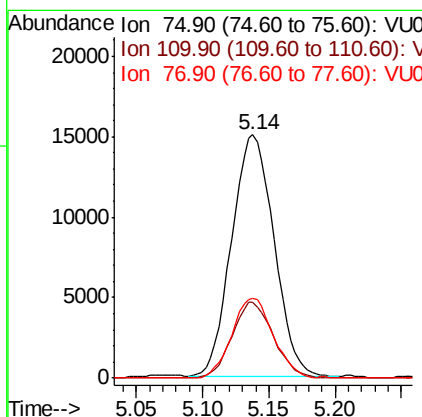
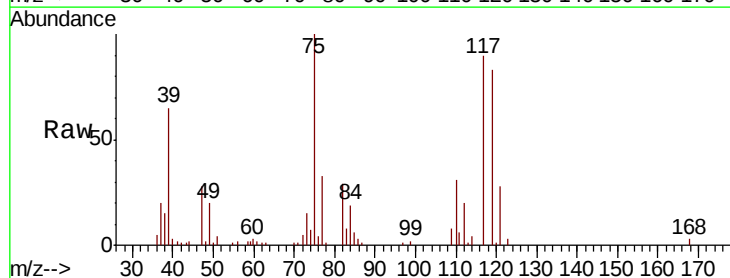
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0926WBS02

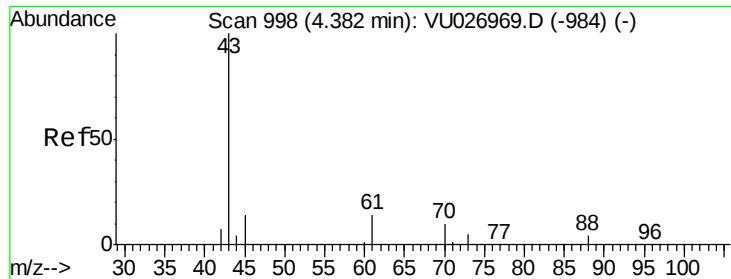
Tgt Ion:113 Resp: 58229
 Ion Ratio Lower Upper
 113 100
 111 102.1 82.2 123.4
 192 18.7 15.2 22.8



#36
 1,1-Dichloropropene
 Concen: 18.864 ug/l
 RT: 5.14 min Scan# 1233
 Delta R.T. 0.00 min
 Lab File: VU027165.D
 Acq: 26 Sep 2018 10:23

Tgt Ion: 75 Resp: 33449
 Ion Ratio Lower Upper
 75 100
 110 30.6 16.1 48.2
 77 32.1 24.6 36.8

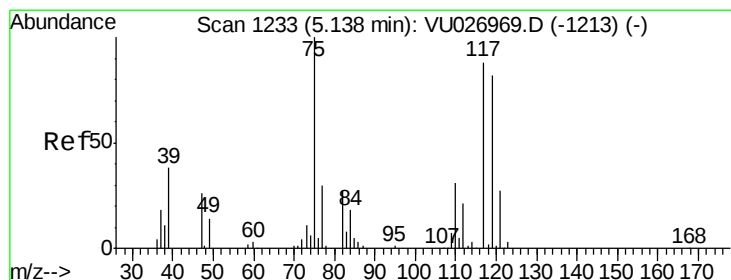
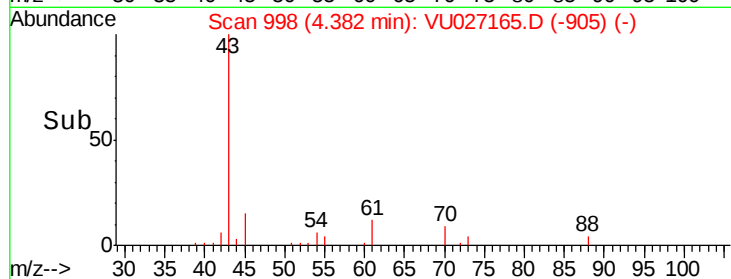
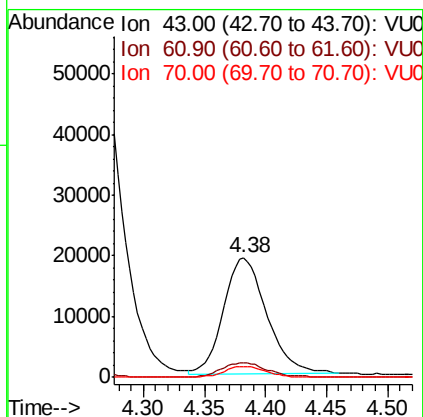
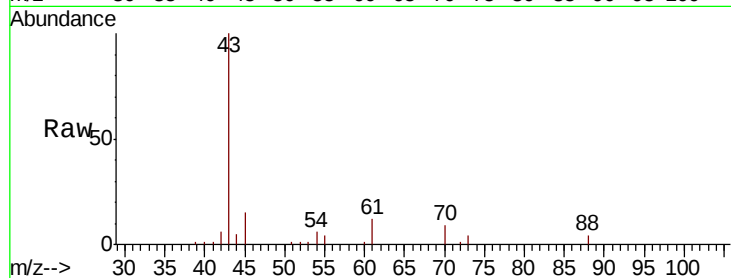




#37
 Ethyl Acetate
 Concen: 19.748 ug/l
 RT: 4.38 min Scan# 998
 Delta R.T. 0.00 min
 Lab File: VU027165.D
 Acq: 26 Sep 2018 10:23

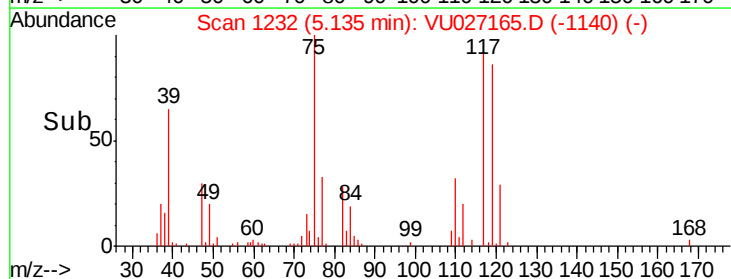
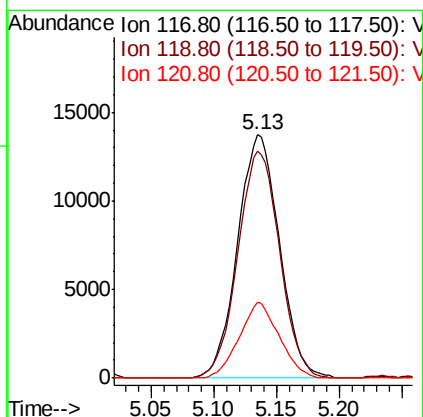
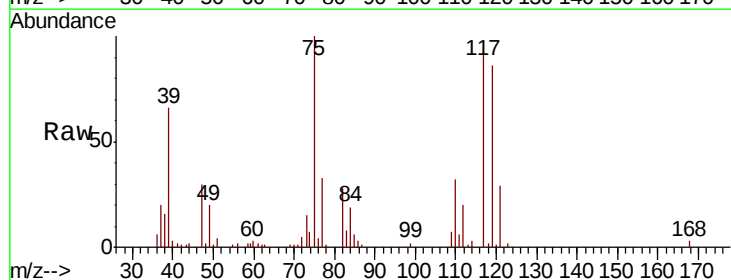
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0926WBS02

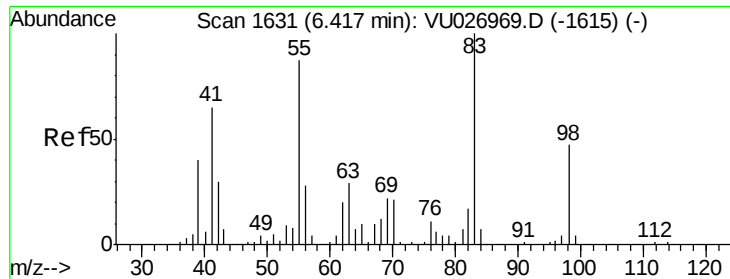
Tgt Ion: 43 Resp: 47404
 Ion Ratio Lower Upper
 43 100
 61 13.5 10.5 15.7
 70 9.1 7.4 11.0



#38
 Carbon Tetrachloride
 Concen: 18.891 ug/l
 RT: 5.13 min Scan# 1232
 Delta R.T. -0.00 min
 Lab File: VU027165.D
 Acq: 26 Sep 2018 10:23

Tgt Ion: 117 Resp: 31878
 Ion Ratio Lower Upper
 117 100
 119 93.2 74.4 111.6
 121 31.2 24.2 36.4

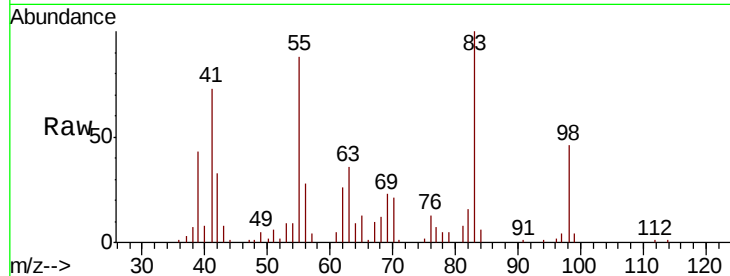




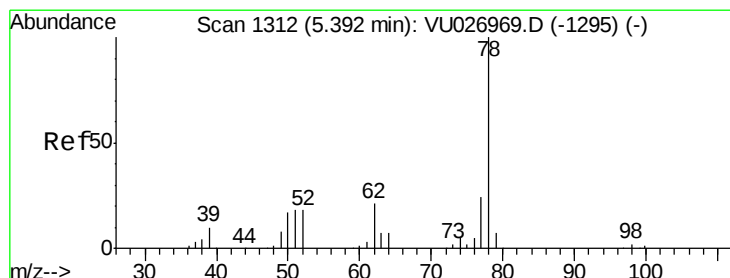
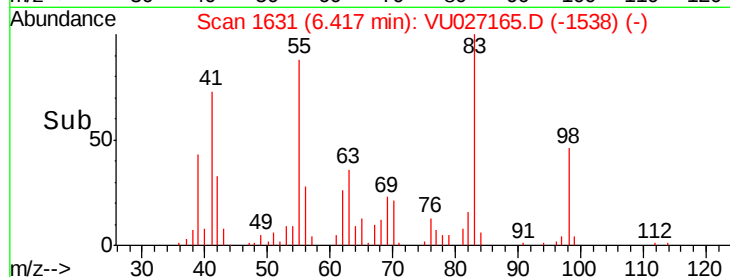
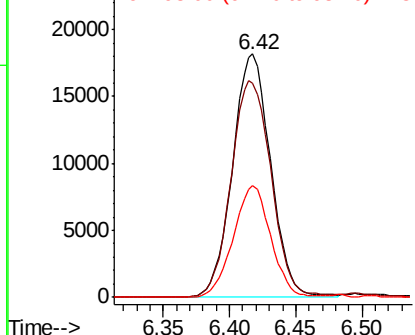
#39
Methylcyclohexane
Concen: 18.870 ug/l
RT: 6.42 min Scan# 1631
Delta R.T. 0.00 min
Lab File: VU027165.D
Acq: 26 Sep 2018 10:23

Instrument :
MSVOA_U
ClientSampleId :
VU0926WBS02

Tgt Ion: 83 Resp: 36363
Ion Ratio Lower Upper
83 100
55 87.8 69.9 104.9
98 45.8 37.5 56.3

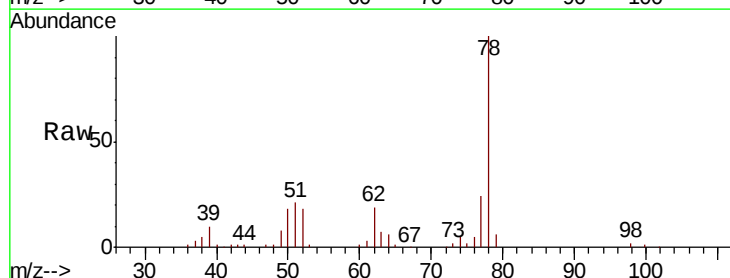


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

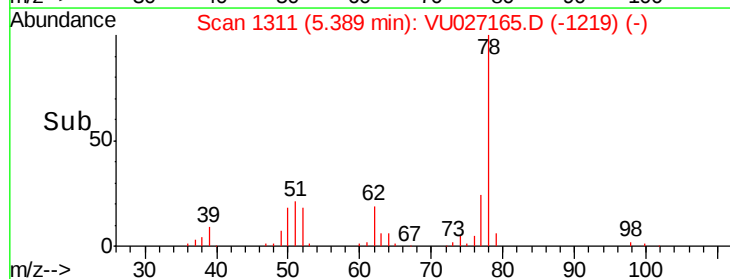
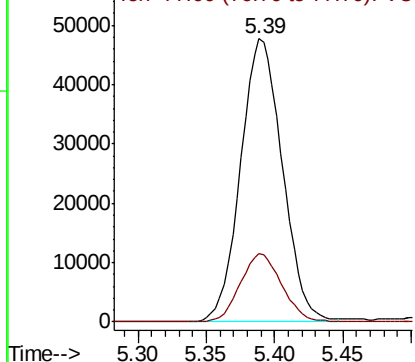


#40
Benzene
Concen: 18.810 ug/l
RT: 5.39 min Scan# 1311
Delta R.T. -0.00 min
Lab File: VU027165.D
Acq: 26 Sep 2018 10:23

Tgt Ion: 78 Resp: 101395
Ion Ratio Lower Upper
78 100
77 24.4 19.4 29.0



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

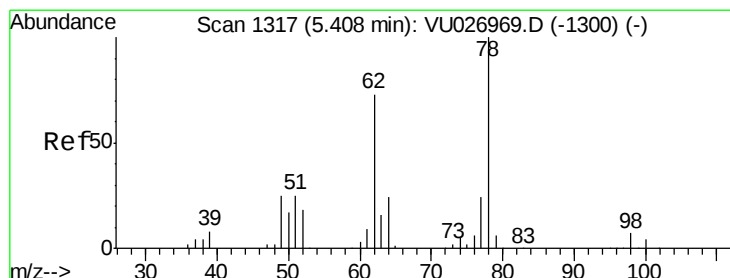
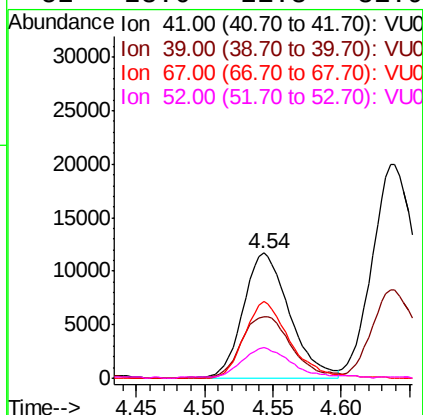
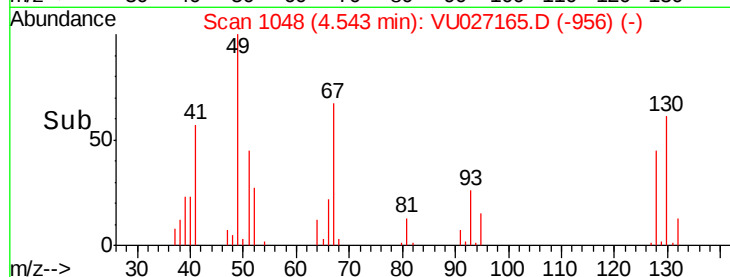
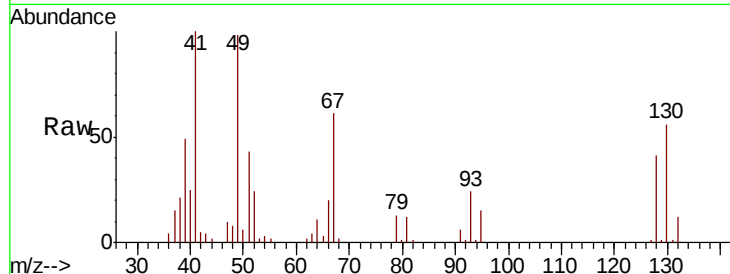




#41
Methacrylonitrile
Concen: 22.221 ug/l
RT: 4.54 min Scan# 1048
Delta R.T. -0.00 min
Lab File: VU027165.D
Acq: 26 Sep 2018 10:23

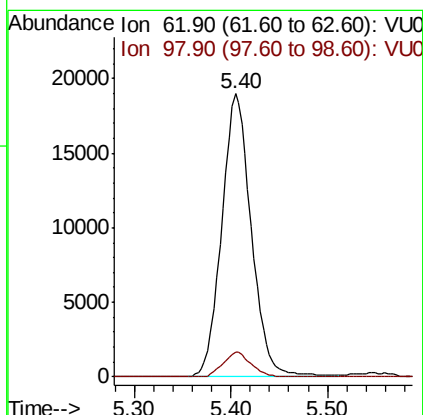
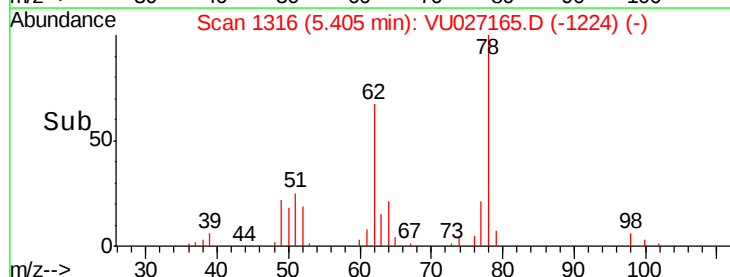
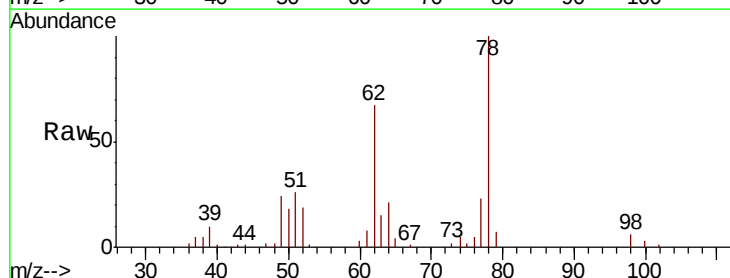
Instrument :
MSVOA_U
ClientSampleId :
VU0926WBS02

Tgt Ion:	41	Resp:	27702
Ion	Ratio	Lower	Upper
41	100		
39	53.6	42.9	64.3
67	59.9	52.4	78.6
52	23.6	21.3	31.9



#42
1,2-Dichloroethane
Concen: 19.851 ug/l
RT: 5.40 min Scan# 1316
Delta R.T. -0.00 min
Lab File: VU027165.D
Acq: 26 Sep 2018 10:23

Tgt Ion:	62	Resp:	40429
Ion	Ratio	Lower	Upper
62	100		
98	8.0	0.0	17.0

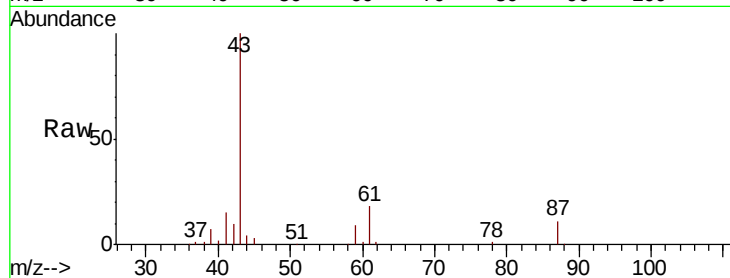




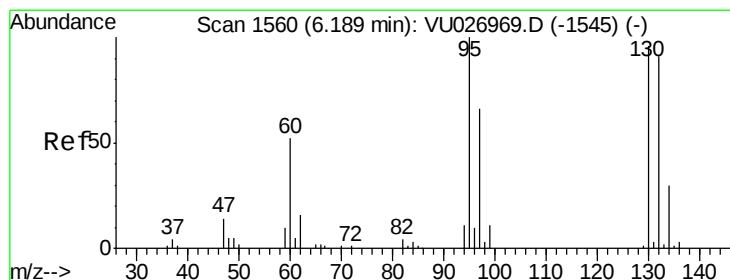
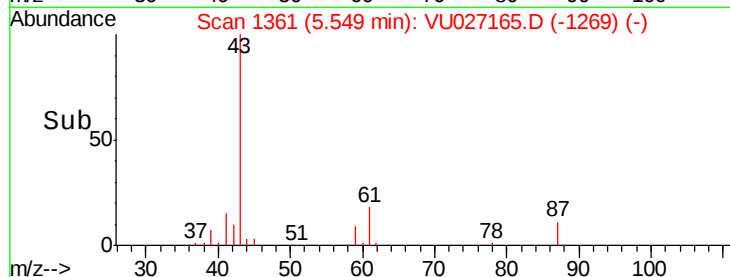
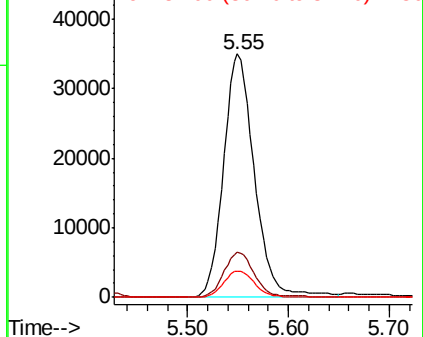
#43
Isopropyl Acetate
Concen: 21.396 ug/l
RT: 5.55 min Scan# 1361
Delta R.T. -0.00 min
Lab File: VU027165.D
Acq: 26 Sep 2018 10:23

Instrument :
MSVOA_U
ClientSampleId :
VU0926WBS02

Tgt Ion: 43 Resp: 74904
Ion Ratio Lower Upper
43 100
61 18.0 15.7 23.5
87 10.6 9.0 13.4

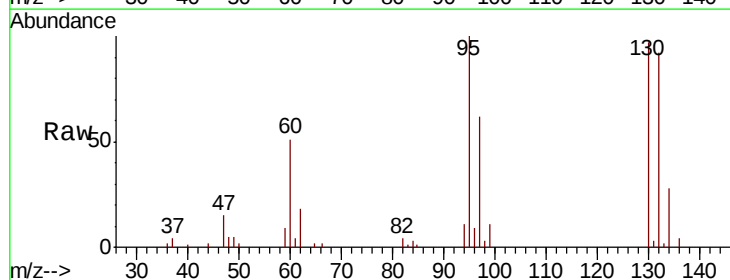


Abundance Ion 43.00 (42.70 to 43.70): VU026969.D (-1342) (-)
Ion 61.00 (60.70 to 61.70): VU026969.D (-1342) (-)
Ion 87.00 (86.70 to 87.70): VU026969.D (-1342) (-)

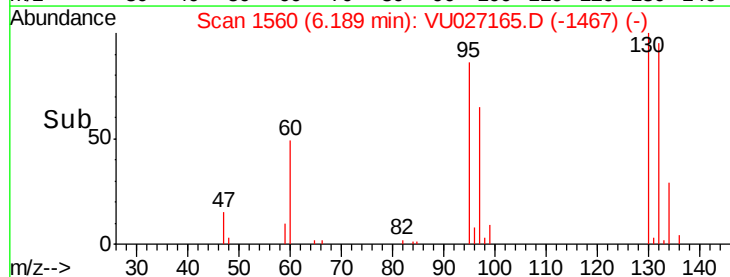
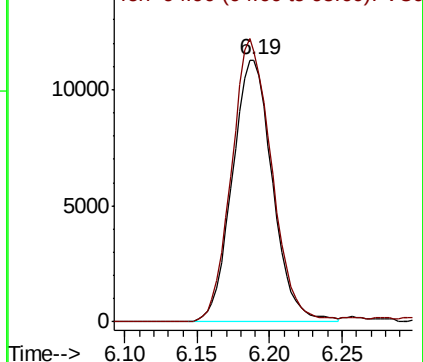


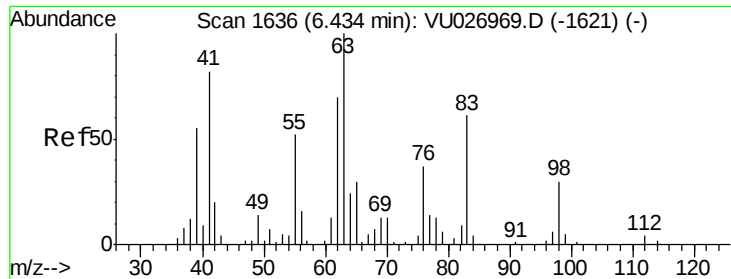
#44
Trichloroethene
Concen: 18.940 ug/l
RT: 6.19 min Scan# 1560
Delta R.T. 0.00 min
Lab File: VU027165.D
Acq: 26 Sep 2018 10:23

Tgt Ion: 130 Resp: 21735
Ion Ratio Lower Upper
130 100
95 103.5 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: 20.156 ug/l

RT: 6.43 min Scan# 1636

Delta R.T. 0.00 min

Lab File: VU027165.D

Acq: 26 Sep 2018 10:23

Instrument :

MSVOA_U

ClientSampleId :

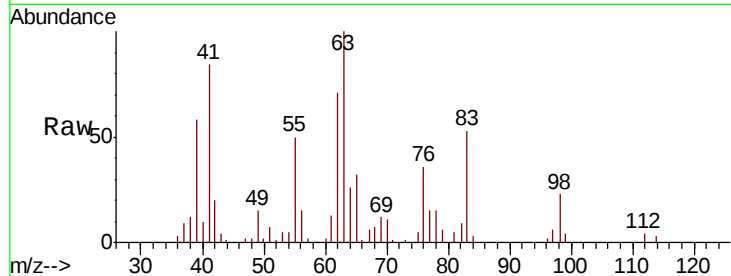
VU0926WBS02

Tgt Ion: 63 Resp: 30958

Ion Ratio Lower Upper

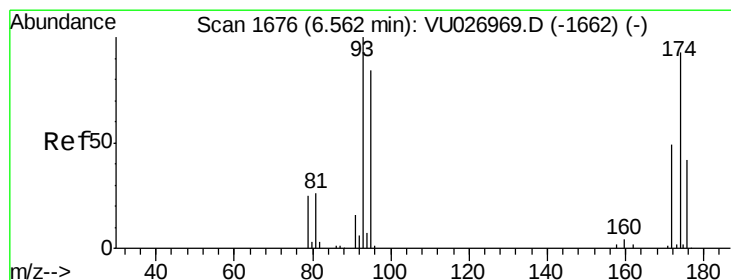
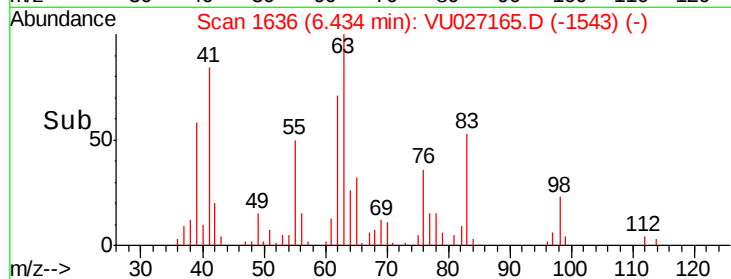
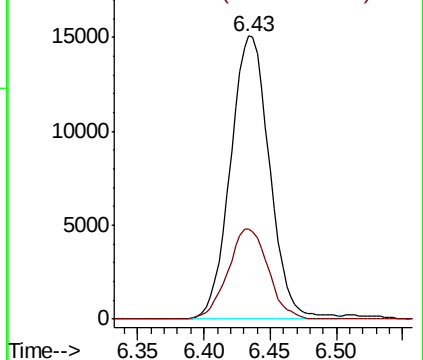
63 100

65 32.1 24.3 36.5



Abundance Ion 62.90 (62.60 to 63.60): VU027165.D (-1543) (-)

Ion 64.90 (64.60 to 65.60): VU027165.D (-1543) (-)



#46

Dibromomethane

Concen: 18.706 ug/l

RT: 6.56 min Scan# 1676

Delta R.T. 0.00 min

Lab File: VU027165.D

Acq: 26 Sep 2018 10:23

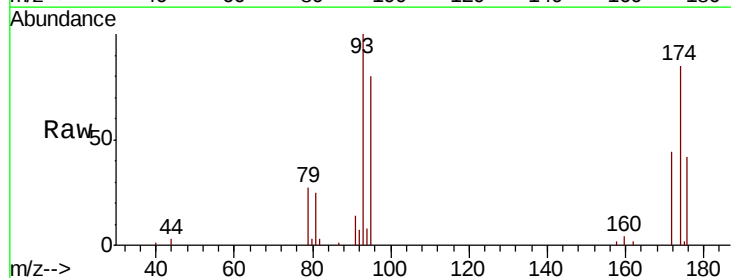
Tgt Ion: 93 Resp: 17352

Ion Ratio Lower Upper

93 100

95 81.5 66.2 99.4

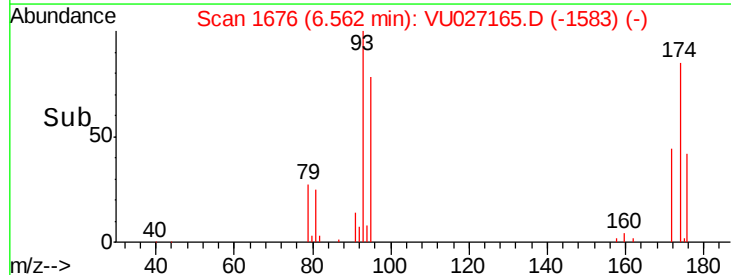
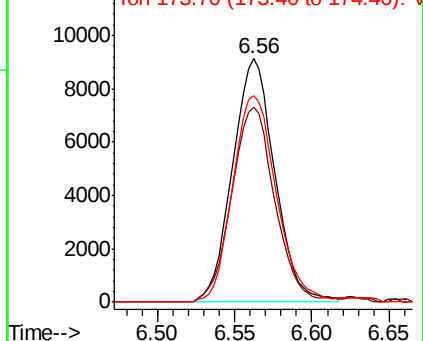
174 87.6 71.7 107.5



Abundance Ion 92.80 (92.50 to 93.50): VU027165.D (-1583) (-)

Ion 94.80 (94.50 to 95.50): VU027165.D (-1583) (-)

Ion 173.70 (173.40 to 174.40): VU027165.D (-1583) (-)





#47

Bromodichloromethane

Concen: 18.873 ug/l

RT: 6.76 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VU027165.D

Acq: 26 Sep 2018 10:23

Instrument :

MSVOA_U

ClientSampleId :

VU0926WBS02

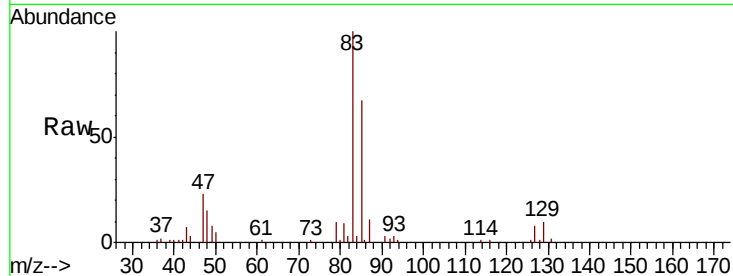
Tgt Ion: 83 Resp: 35400

Ion Ratio Lower Upper

83 100

85 66.9 52.5 78.7

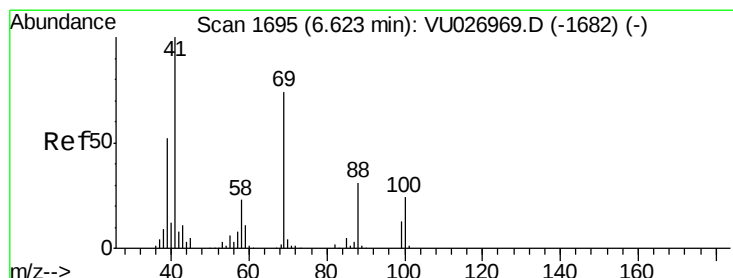
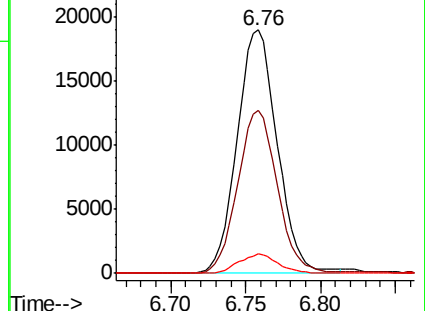
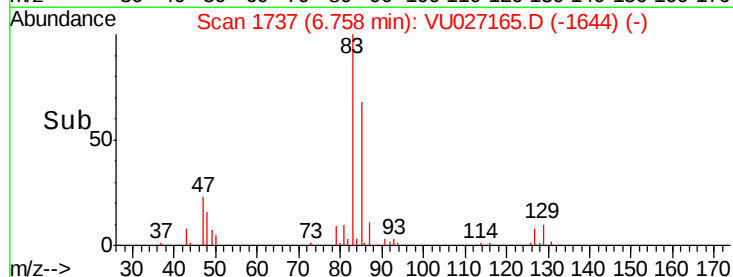
127 7.9 6.3 9.5



Abundance Ion 82.90 (82.60 to 83.60): VU0

Ion 84.90 (84.60 to 85.60): VU0

Ion 126.80 (126.50 to 127.50): VU0



#48

Methyl methacrylate

Concen: 20.039 ug/l

RT: 6.62 min Scan# 1695

Delta R.T. 0.00 min

Lab File: VU027165.D

Acq: 26 Sep 2018 10:23

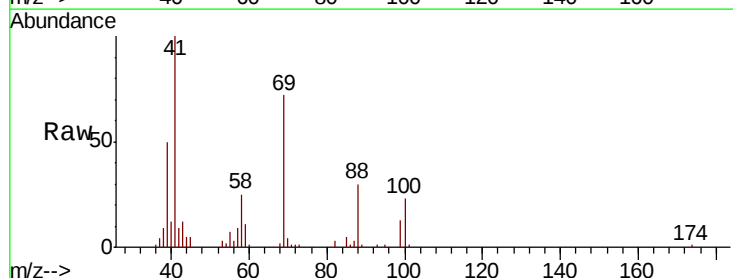
Tgt Ion: 41 Resp: 37003

Ion Ratio Lower Upper

41 100

69 71.4 60.6 90.8

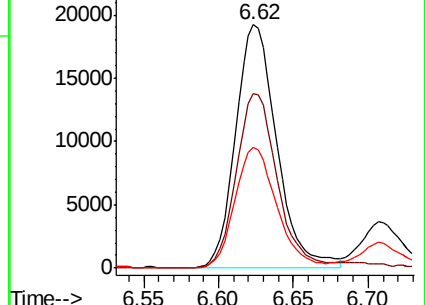
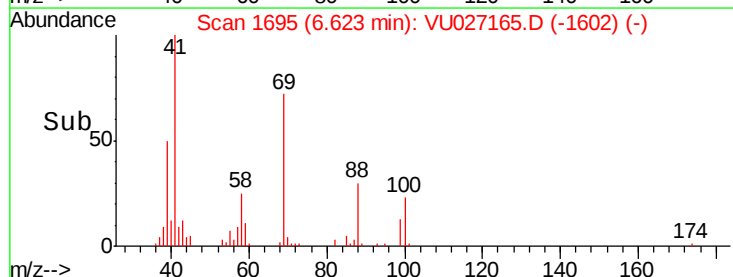
39 50.1 42.8 64.2

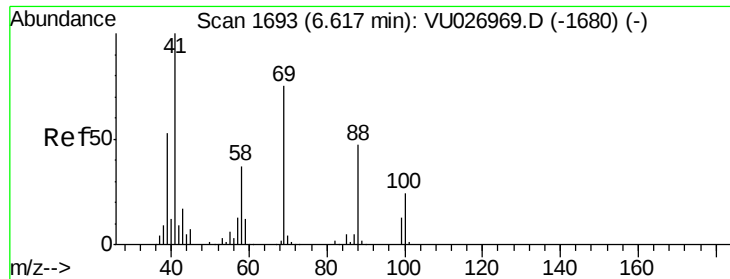


Abundance Ion 41.00 (40.70 to 41.70): VU0

Ion 69.00 (68.70 to 69.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

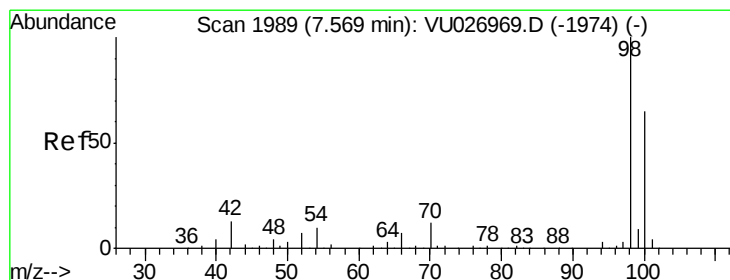
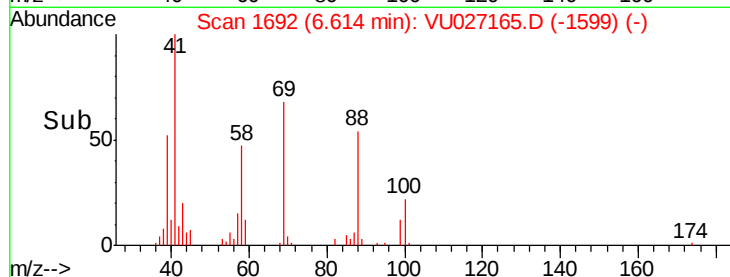
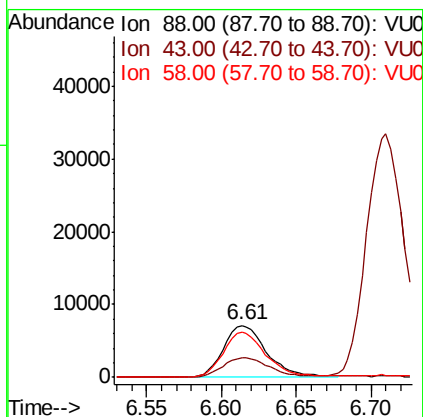
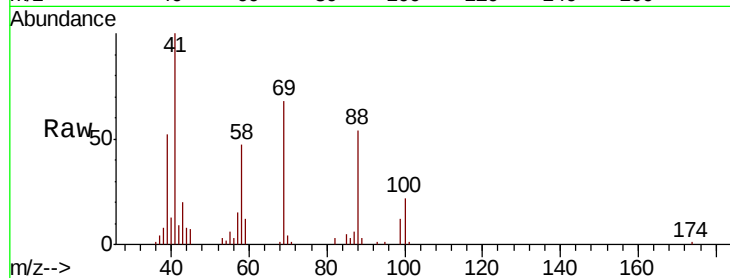




#49
1,4-Dioxane
Concen: 382.702 ug/l
RT: 6.61 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VU027165.D
Acq: 26 Sep 2018 10:23

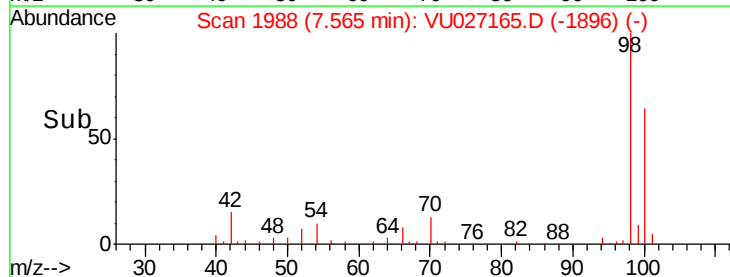
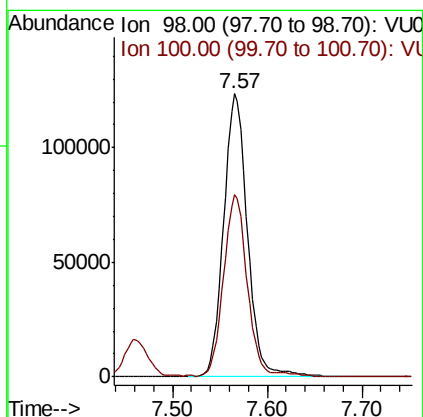
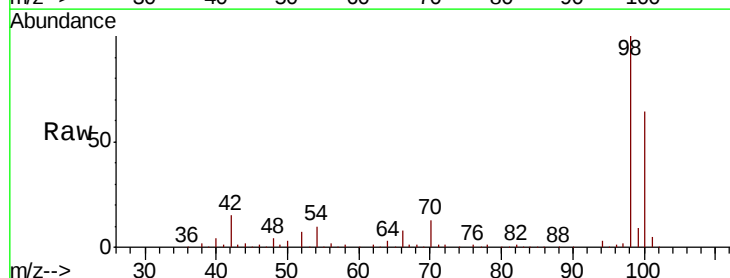
Instrument :
MSVOA_U
ClientSampleId :
VU0926WBS02

Tgt Ion: 88 Resp: 14522
Ion Ratio Lower Upper
88 100
43 40.3 29.8 44.8
58 85.8 63.9 95.9



#50
Toluene-d8
Concen: 49.384 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. -0.00 min
Lab File: VU027165.D
Acq: 26 Sep 2018 10:23

Tgt Ion: 98 Resp: 216747
Ion Ratio Lower Upper
98 100
100 64.6 52.1 78.1





#51

4-Methyl-2-Pentanone

Concen: 106.701 ug/l

RT: 7.46 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VU027165.D

Acq: 26 Sep 2018 10:23

Instrument :

MSVOA_U

ClientSampleId :

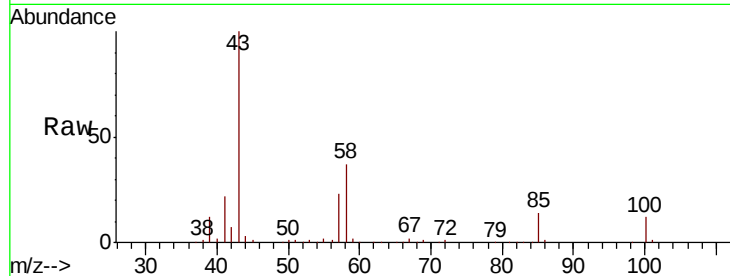
VU0926WBS02

Tgt Ion: 43 Resp: 251226

Ion Ratio Lower Upper

43 100

58 36.4 29.8 44.6



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

7.46

150000

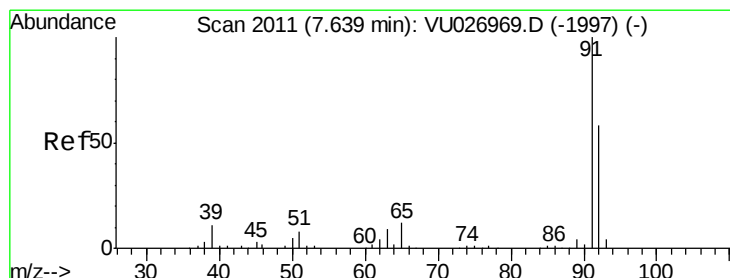
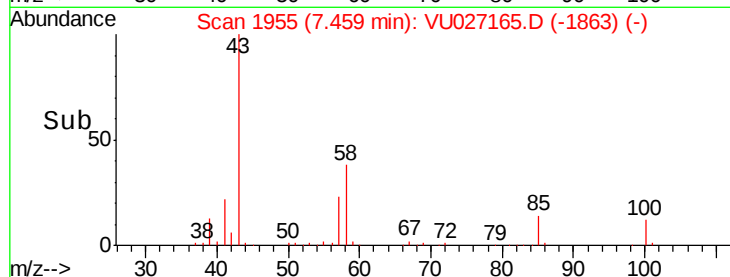
100000

50000

0

7.40 7.50 7.60

Time-->



#52

Toluene

Concen: 19.193 ug/l

RT: 7.64 min Scan# 2011

Delta R.T. 0.00 min

Lab File: VU027165.D

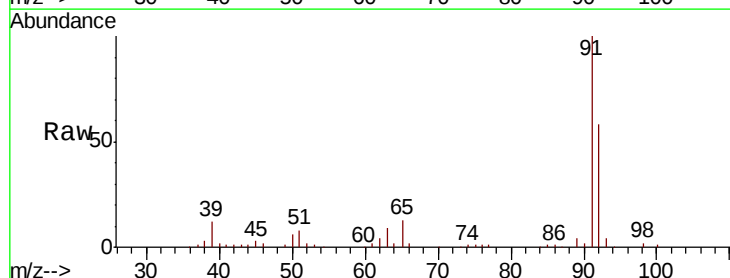
Acq: 26 Sep 2018 10:23

Tgt Ion: 92 Resp: 59305

Ion Ratio Lower Upper

92 100

91 174.1 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VU0

Ion 91.00 (90.70 to 91.70): VU0

7.64

60000

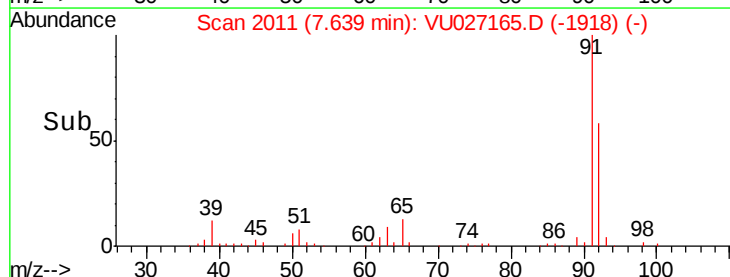
40000

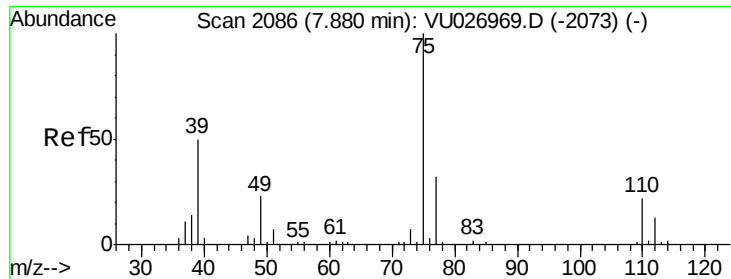
20000

0

7.60 7.70

Time-->

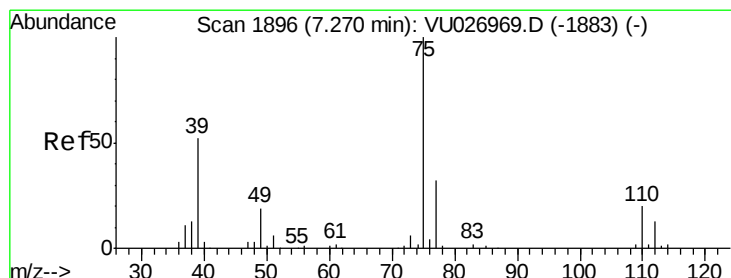
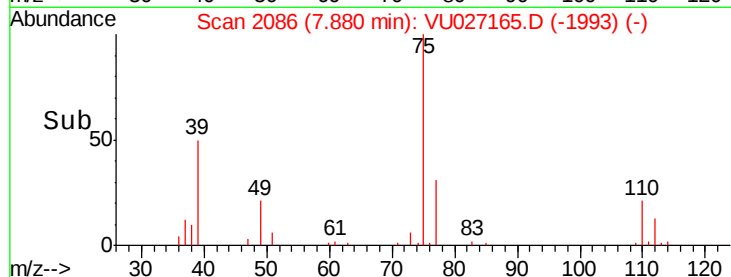
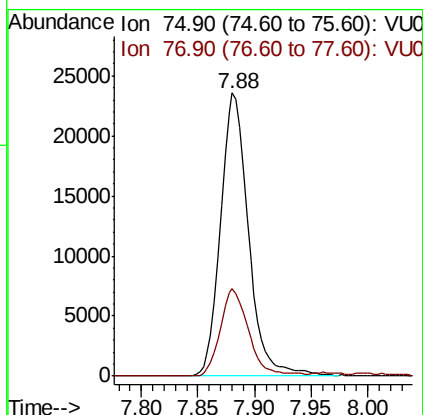
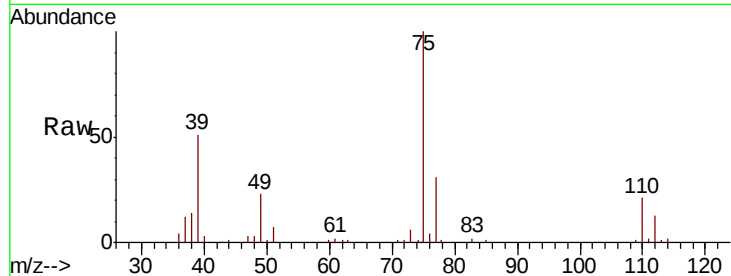




#53
t-1,3-Dichloropropene
Concen: 20.162 ug/l
RT: 7.88 min Scan# 2086
Delta R.T. 0.00 min
Lab File: VU027165.D
Acq: 26 Sep 2018 10:23

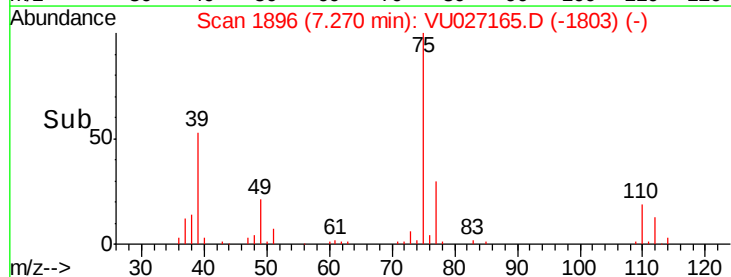
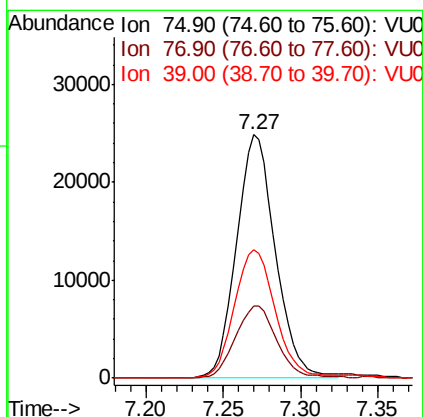
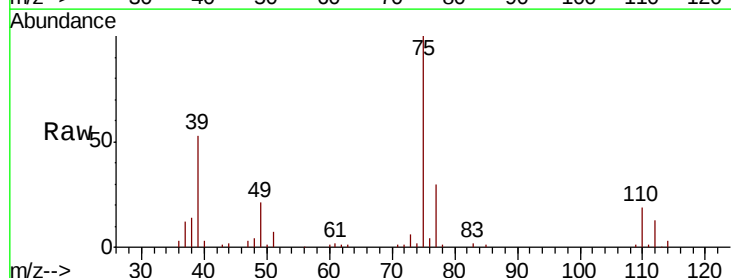
Instrument :
MSVOA_U
ClientSampleId :
VU0926WBS02

Tgt Ion: 75 Resp: 40632
Ion Ratio Lower Upper
75 100
77 30.9 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 19.614 ug/l
RT: 7.27 min Scan# 1896
Delta R.T. 0.00 min
Lab File: VU027165.D
Acq: 26 Sep 2018 10:23

Tgt Ion: 75 Resp: 43462
Ion Ratio Lower Upper
75 100
77 29.6 25.4 38.0
39 52.8 41.6 62.4

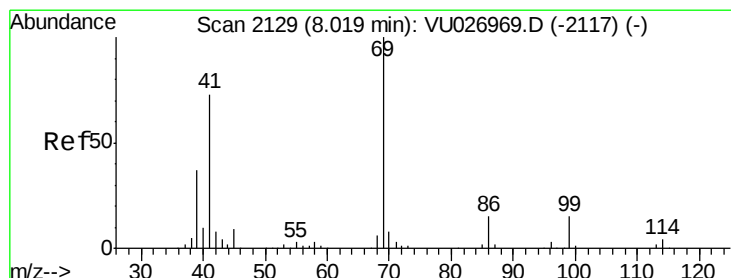
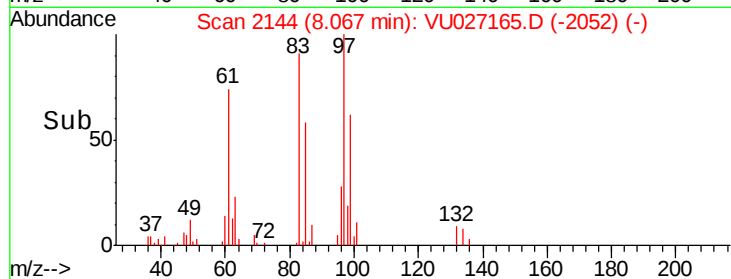
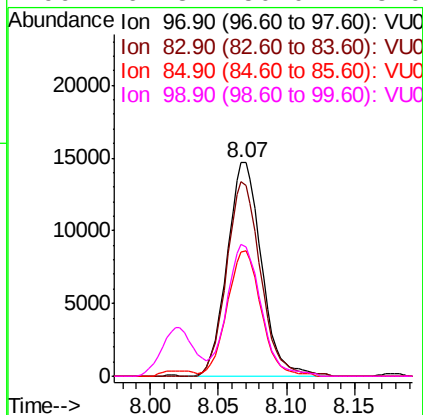
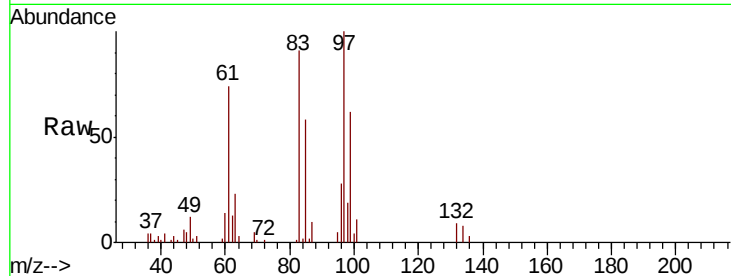




#55
 1,1,2-Trichloroethane
 Concen: 19.760 ug/l
 RT: 8.07 min Scan# 2144
 Delta R.T. -0.00 min
 Lab File: VU027165.D
 Acq: 26 Sep 2018 10:23

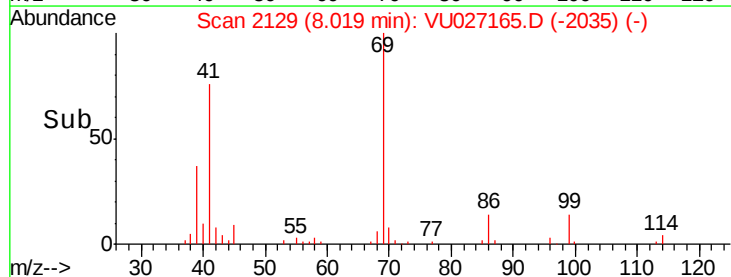
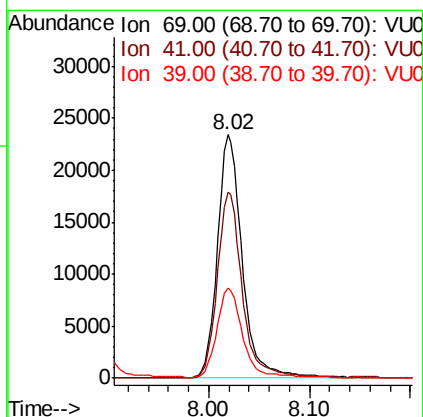
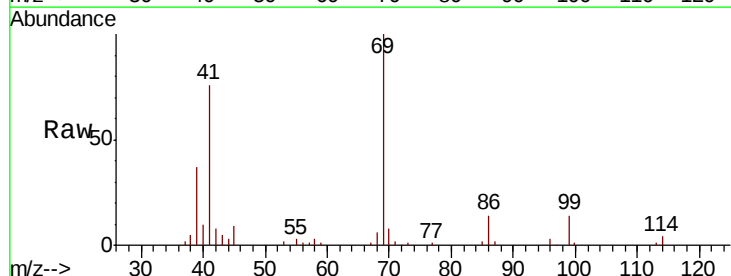
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0926WBS02

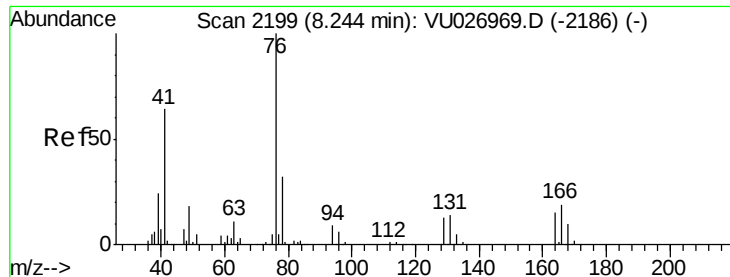
Tgt Ion: 97 Resp: 25871
 Ion Ratio Lower Upper
 97 100
 83 91.0 73.1 109.7
 85 58.0 46.7 70.1
 99 61.8 50.0 75.0



#56
 Ethyl methacrylate
 Concen: 19.128 ug/l
 RT: 8.02 min Scan# 2129
 Delta R.T. 0.00 min
 Lab File: VU027165.D
 Acq: 26 Sep 2018 10:23

Tgt Ion: 69 Resp: 40235
 Ion Ratio Lower Upper
 69 100
 41 76.4 59.0 88.4
 39 38.8 30.2 45.4





#57

1,3-Dichloropropane

Concen: 19.440 ug/l

RT: 8.24 min Scan# 2199

Delta R.T. 0.00 min

Lab File: VU027165.D

Acq: 26 Sep 2018 10:23

Instrument :

MSVOA_U

ClientSampleId :

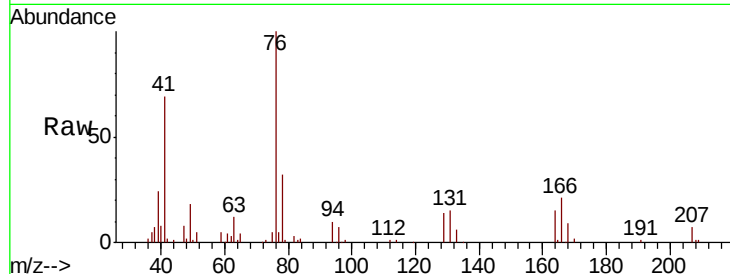
VU0926WBS02

Tgt Ion: 76 Resp: 47339

Ion Ratio Lower Upper

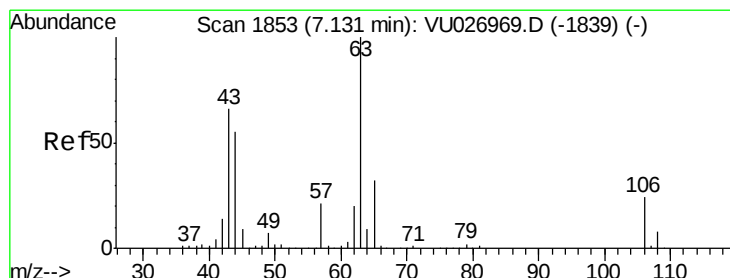
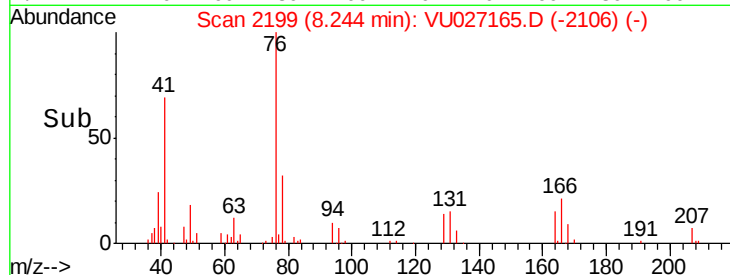
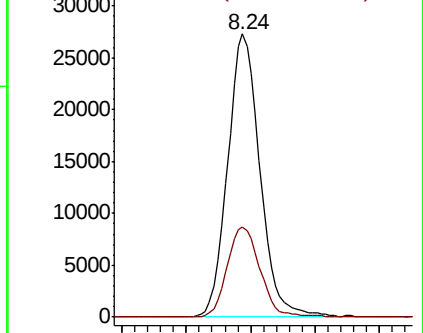
76 100

78 32.6 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: 95.337 ug/l

RT: 7.13 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VU027165.D

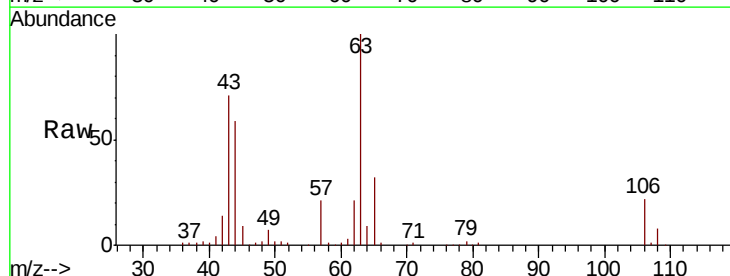
Acq: 26 Sep 2018 10:23

Tgt Ion: 63 Resp: 118956

Ion Ratio Lower Upper

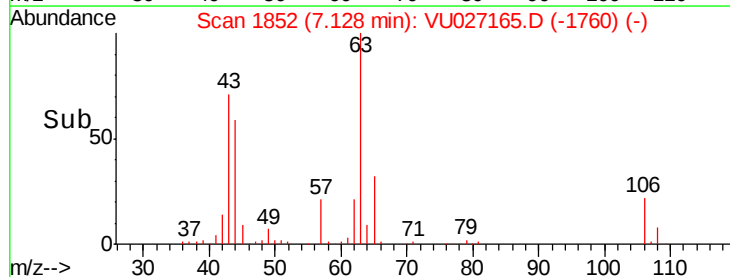
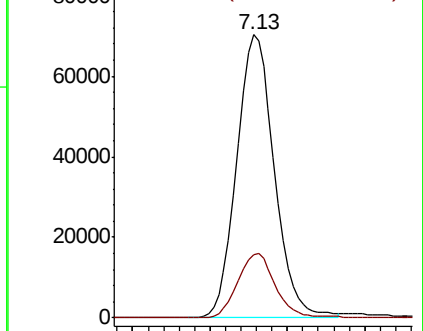
63 100

106 22.8 18.7 28.1



Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 105.90 (105.60 to 106.60): V

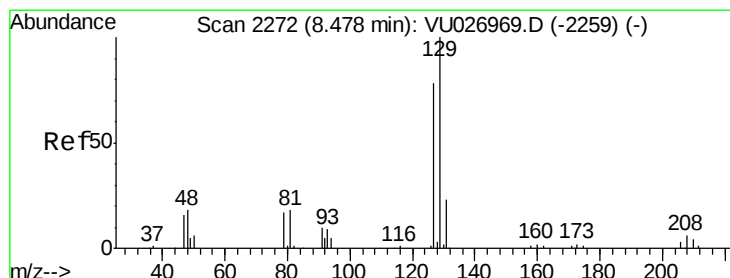
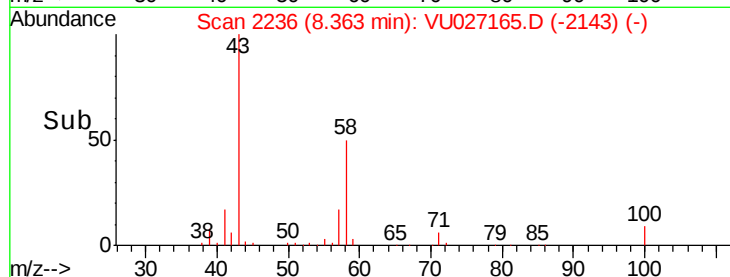
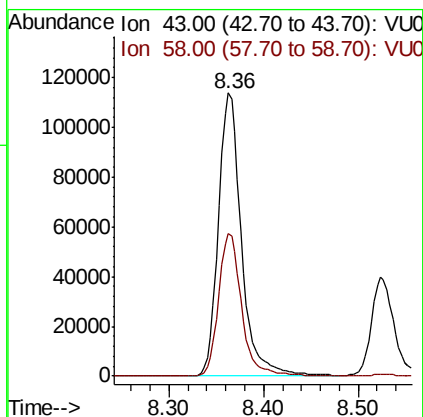
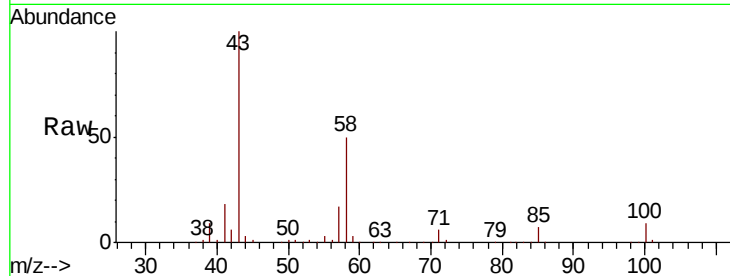




#59
2-Hexanone
Concen: 104.835 ug/l
RT: 8.36 min Scan# 2236
Delta R.T. 0.00 min
Lab File: VU027165.D
Acq: 26 Sep 2018 10:23

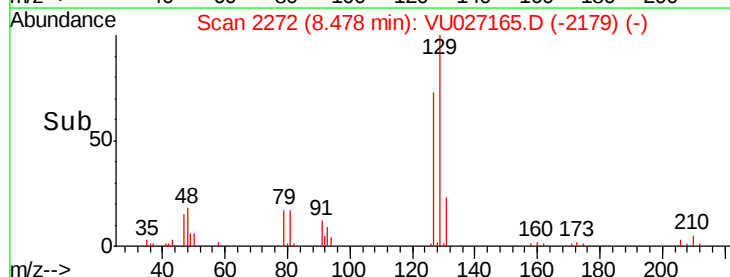
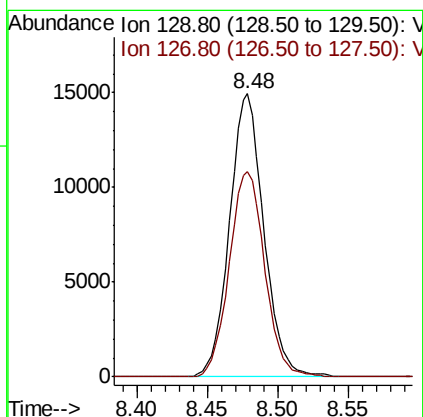
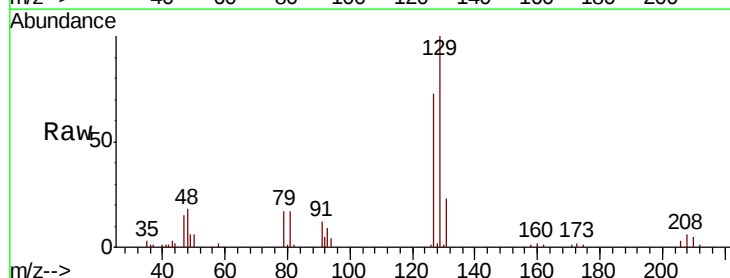
Instrument :
MSVOA_U
ClientSampleId :
VU0926WBS02

Tgt Ion: 43 Resp: 193215
Ion Ratio Lower Upper
43 100
58 50.0 26.1 78.2



#60
Dibromochloromethane
Concen: 19.790 ug/l
RT: 8.48 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VU027165.D
Acq: 26 Sep 2018 10:23

Tgt Ion: 129 Resp: 25415
Ion Ratio Lower Upper
129 100
127 75.0 38.1 114.5





#61

1,2-Dibromoethane

Concen: 18.847 ug/l

RT: 8.59 min Scan# 2306

Delta R.T. 0.00 min

Lab File: VU027165.D

Acq: 26 Sep 2018 10:23

Instrument :

MSVOA_U

ClientSampleId :

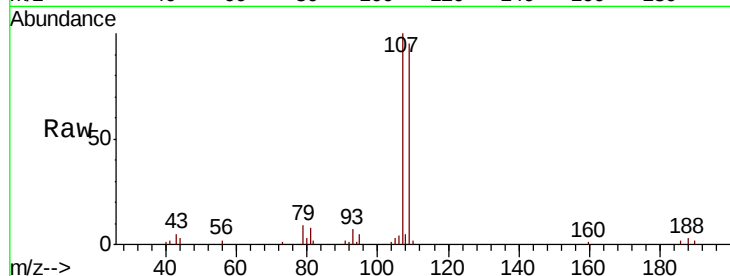
VU0926WBS02

Tgt Ion: 107 Resp: 25674

Ion Ratio Lower Upper

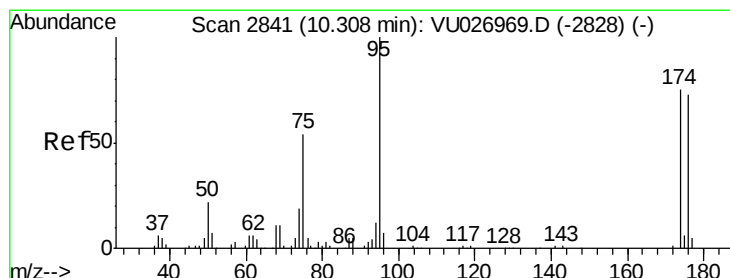
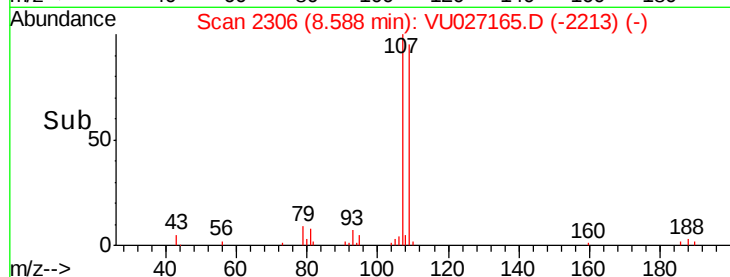
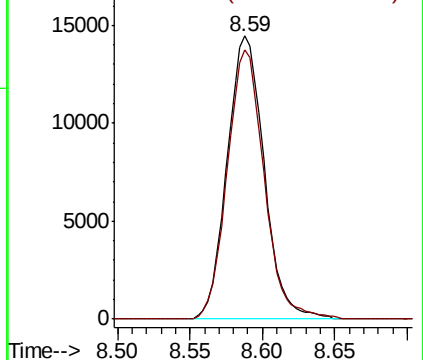
107 100

109 94.8 75.0 112.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 51.381 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VU027165.D

Acq: 26 Sep 2018 10:23

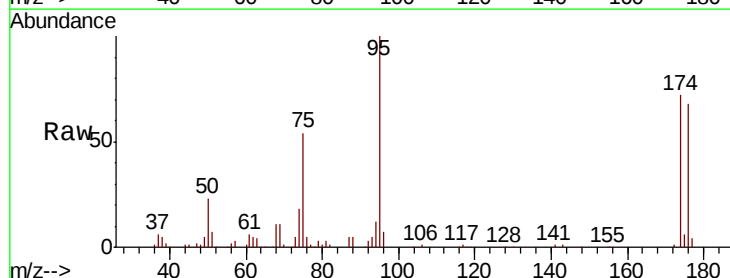
Tgt Ion: 95 Resp: 77381

Ion Ratio Lower Upper

95 100

174 72.0 0.0 150.2

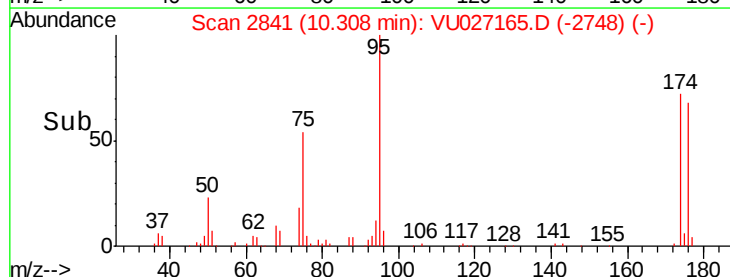
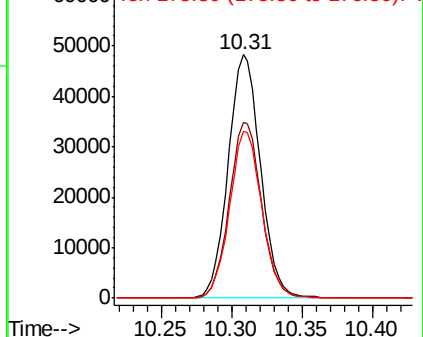
176 68.5 0.0 145.2

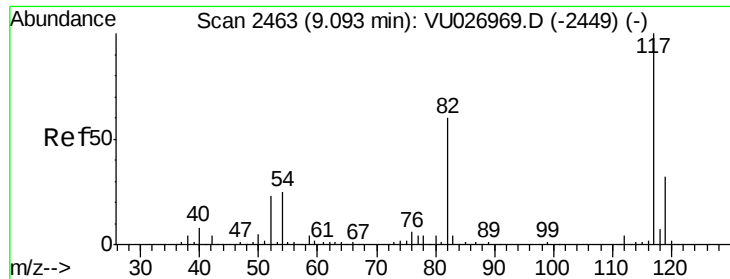


Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

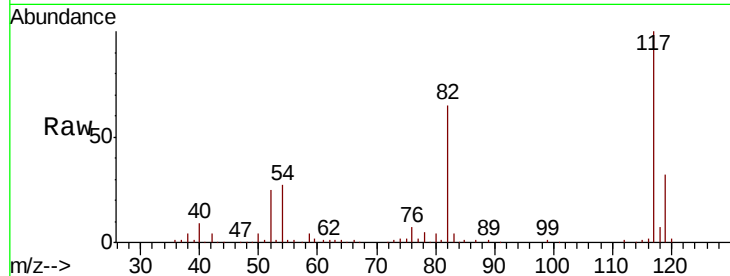




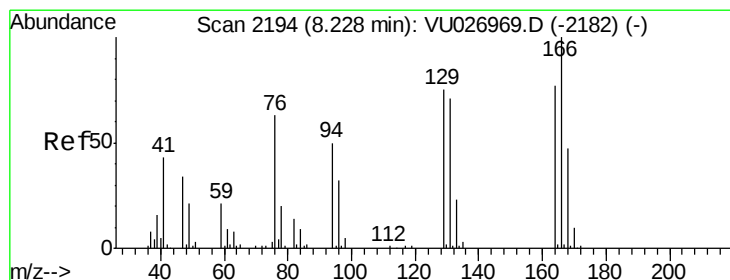
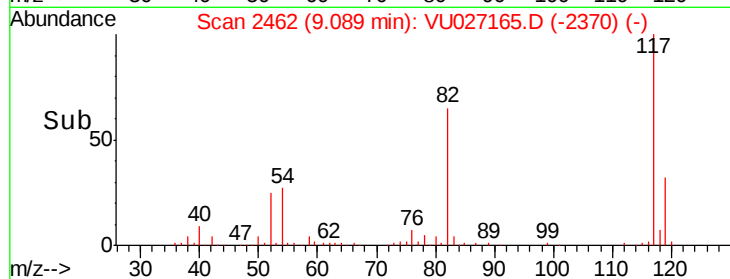
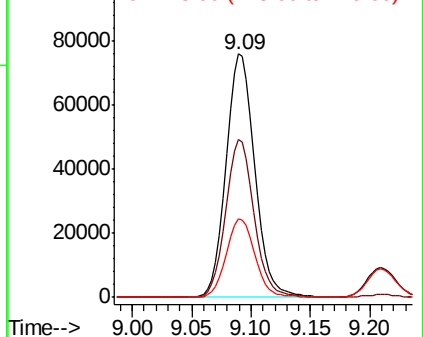
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU027165.D
Acq: 26 Sep 2018 10:23

Instrument :
MSVOA_U
ClientSampleId :
VU0926WBS02

Tgt Ion:117 Resp: 127223
Ion Ratio Lower Upper
117 100
82 64.9 48.0 72.0
119 32.2 25.8 38.8



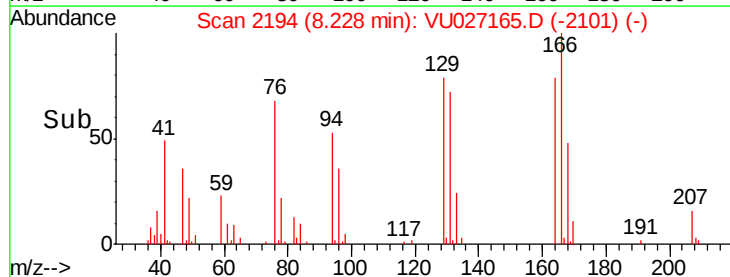
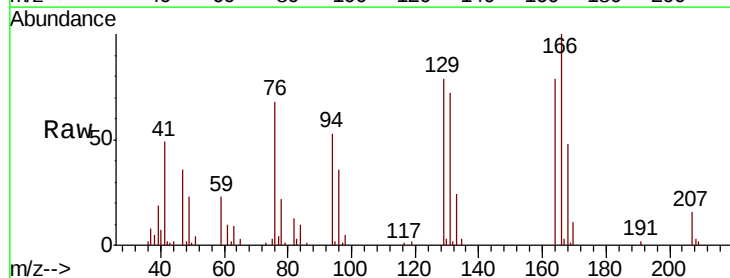
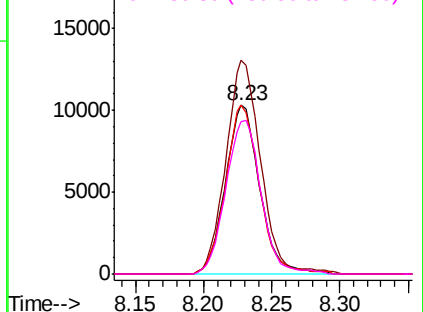
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 18.349 ug/l
RT: 8.23 min Scan# 2194
Delta R.T. 0.00 min
Lab File: VU027165.D
Acq: 26 Sep 2018 10:23

Tgt Ion:164 Resp: 17988
Ion Ratio Lower Upper
164 100
166 126.8 104.4 156.6
129 100.3 78.7 118.1
131 90.7 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

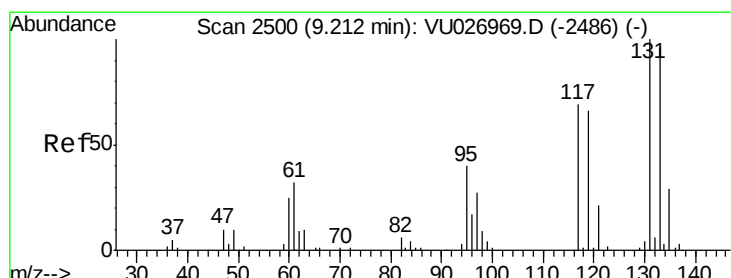
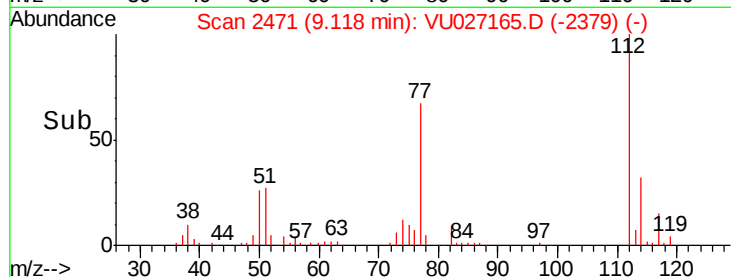
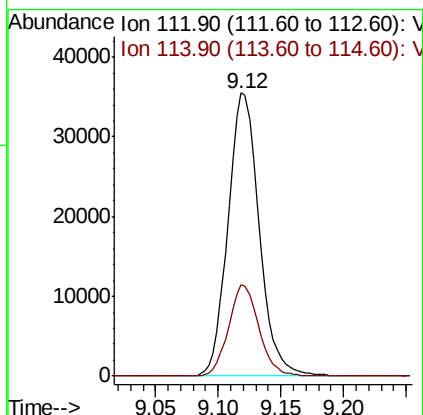
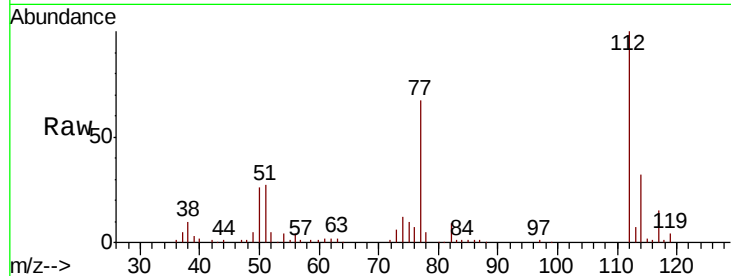




#65
Chlorobenzene
Concen: 18.195 ug/l
RT: 9.12 min Scan# 2471
Delta R.T. -0.00 min
Lab File: VU027165.D
Acq: 26 Sep 2018 10:23

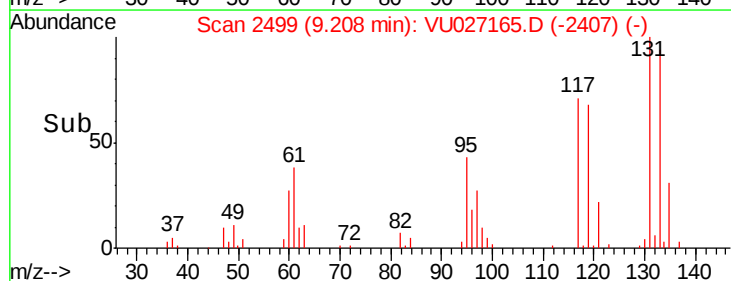
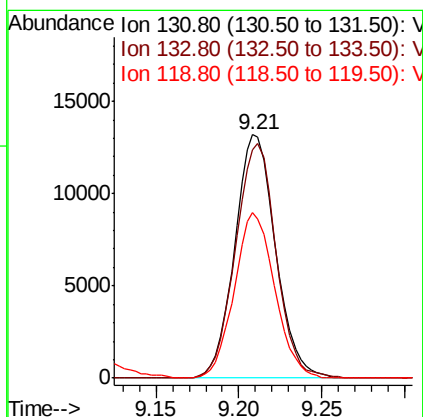
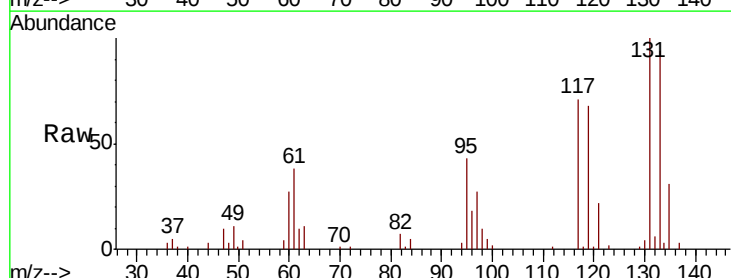
Instrument :
MSVOA_U
ClientSampleId :
VU0926WBS02

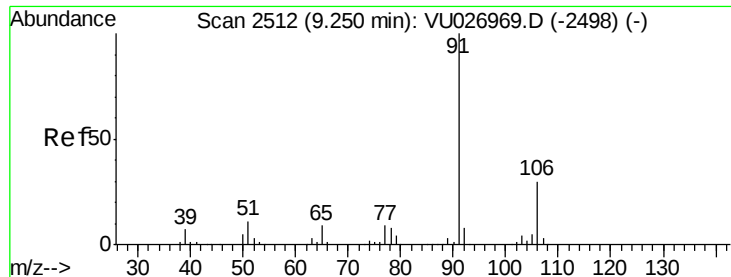
Tgt Ion:112 Resp: 61378
Ion Ratio Lower Upper
112 100
114 32.4 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 19.390 ug/l
RT: 9.21 min Scan# 2499
Delta R.T. -0.00 min
Lab File: VU027165.D
Acq: 26 Sep 2018 10:23

Tgt Ion:131 Resp: 22529
Ion Ratio Lower Upper
131 100
133 96.0 48.0 144.2
119 67.3 33.4 100.1

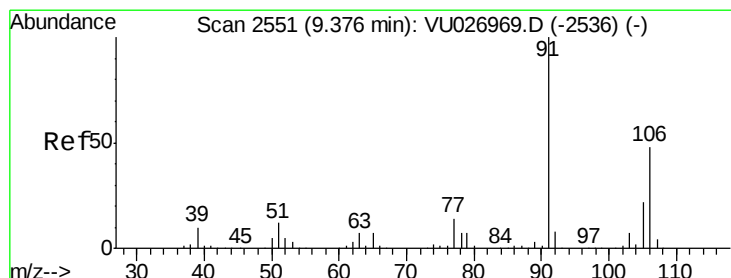
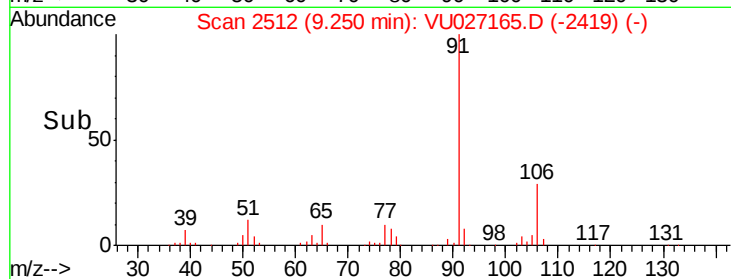
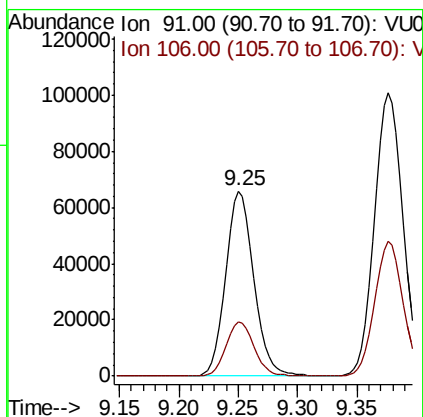
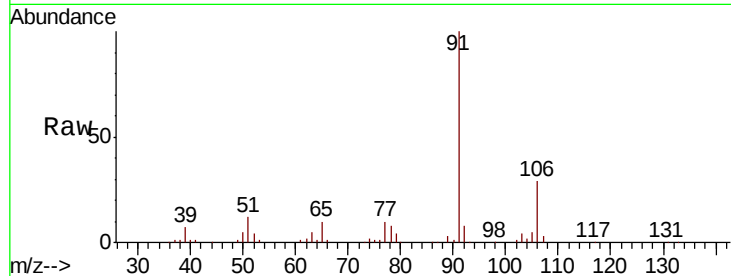




#67
 Ethyl Benzene
 Concen: 19.520 ug/l
 RT: 9.25 min Scan# 2512
 Delta R.T. 0.00 min
 Lab File: VU027165.D
 Acq: 26 Sep 2018 10:23

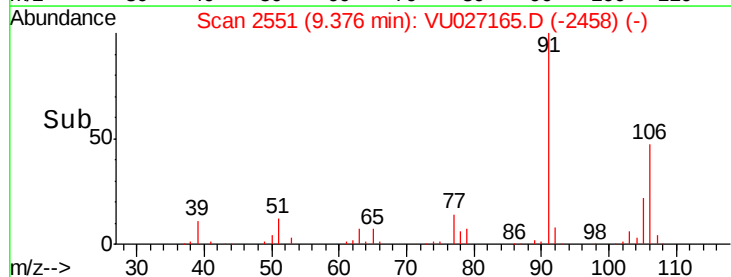
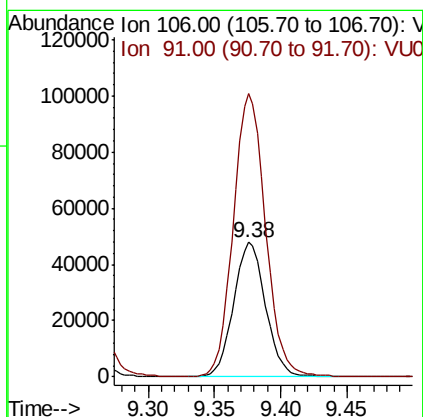
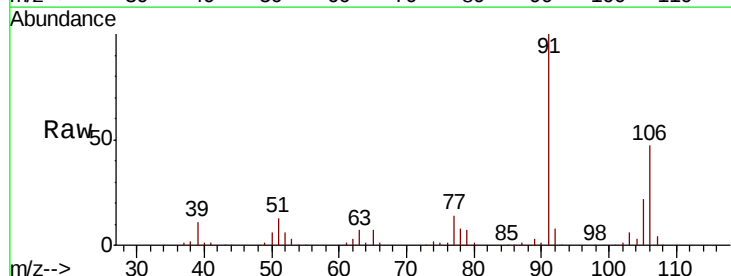
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0926WBS02

Tgt Ion: 91 Resp: 108280
 Ion Ratio Lower Upper
 91 100
 106 29.4 23.8 35.8



#68
 m/p-Xylenes
 Concen: 36.750 ug/l
 RT: 9.38 min Scan# 2551
 Delta R.T. 0.00 min
 Lab File: VU027165.D
 Acq: 26 Sep 2018 10:23

Tgt Ion: 106 Resp: 80393
 Ion Ratio Lower Upper
 106 100
 91 212.1 166.5 249.7

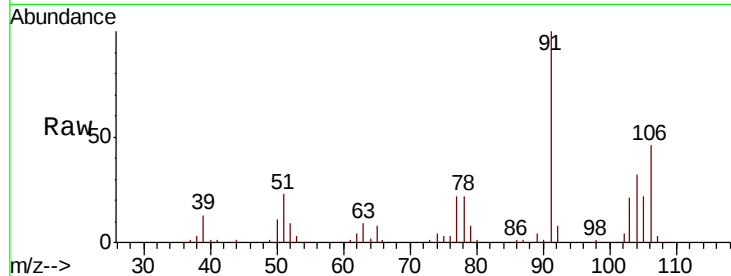




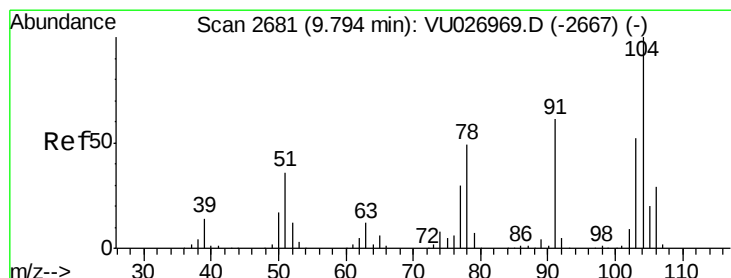
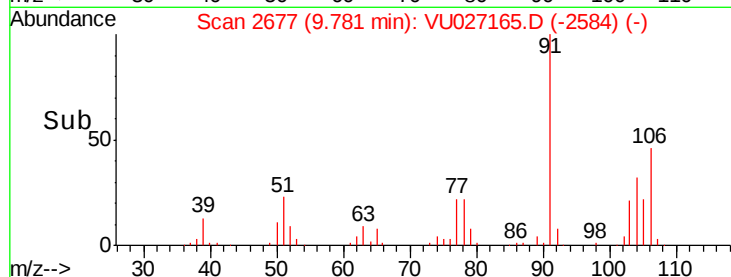
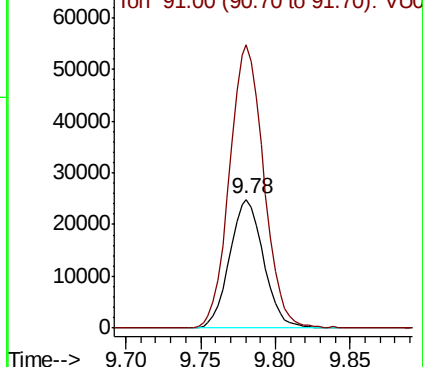
#69
o-Xylene
Concen: 20.033 ug/l
RT: 9.78 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VU027165.D
Acq: 26 Sep 2018 10:23

Instrument :
MSVOA_U
ClientSampleId :
VU0926WBS02

Tgt Ion:106 Resp: 39373
Ion Ratio Lower Upper
106 100
91 221.1 110.2 330.6

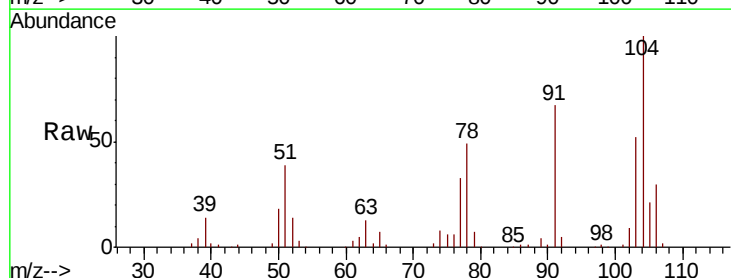


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

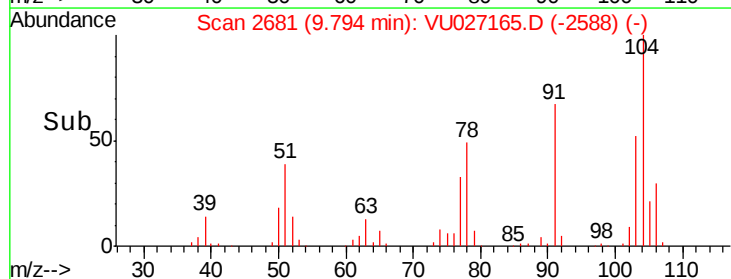
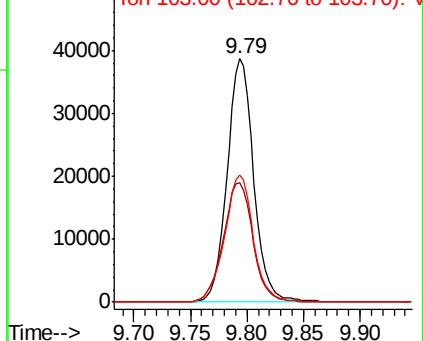


#70
Styrene
Concen: 18.392 ug/l
RT: 9.79 min Scan# 2681
Delta R.T. 0.00 min
Lab File: VU027165.D
Acq: 26 Sep 2018 10:23

Tgt Ion:104 Resp: 63138
Ion Ratio Lower Upper
104 100
78 54.6 43.0 64.4
103 56.5 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: 19.027 ug/l

RT: 9.96 min Scan# 2733

Delta R.T. 0.00 min

Lab File: VU027165.D

Acq: 26 Sep 2018 10:23

Instrument :

MSVOA_U

ClientSampleId :

VU0926WBS02

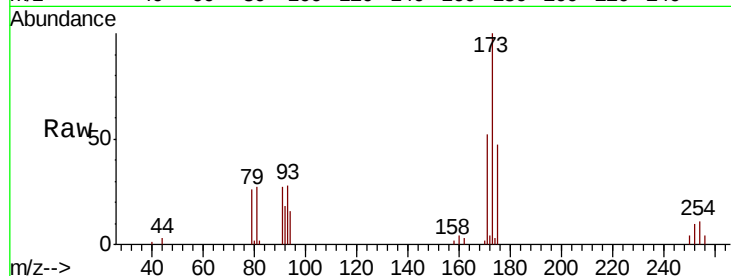
Tgt Ion:173 Resp: 17096

Ion Ratio Lower Upper

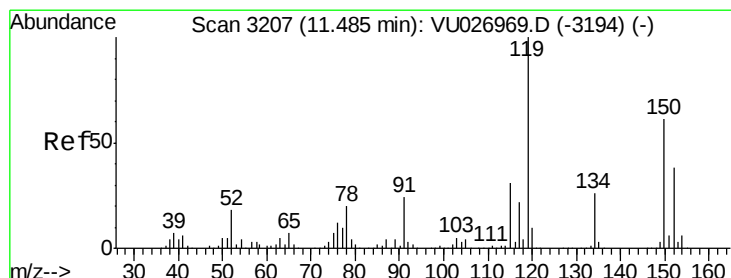
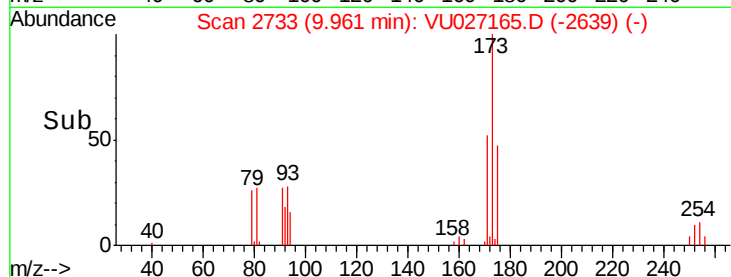
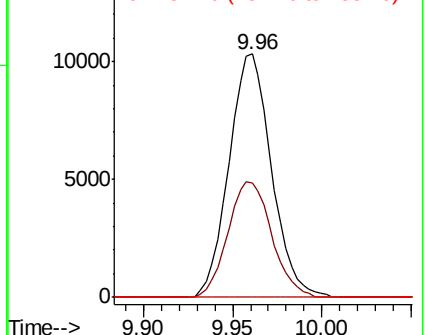
173 100

175 49.0 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: VU027165.D

Acq: 26 Sep 2018 10:23

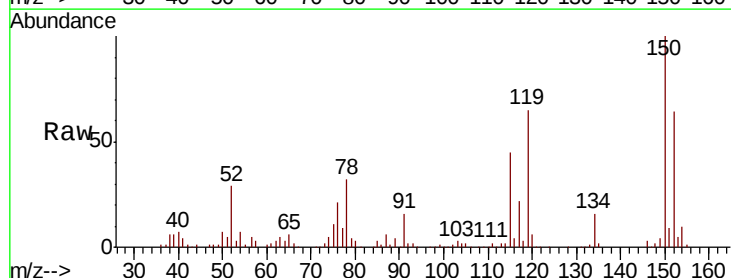
Tgt Ion:152 Resp: 66783

Ion Ratio Lower Upper

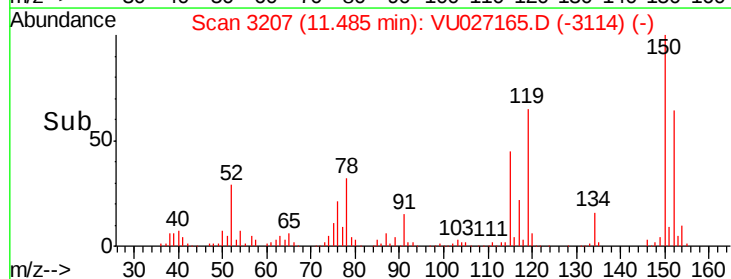
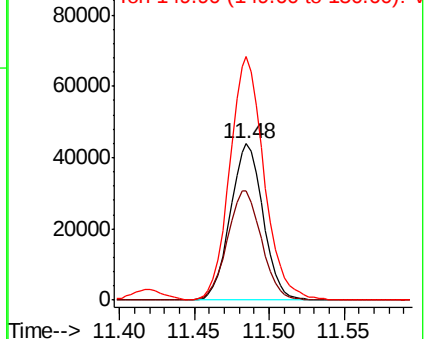
152 100

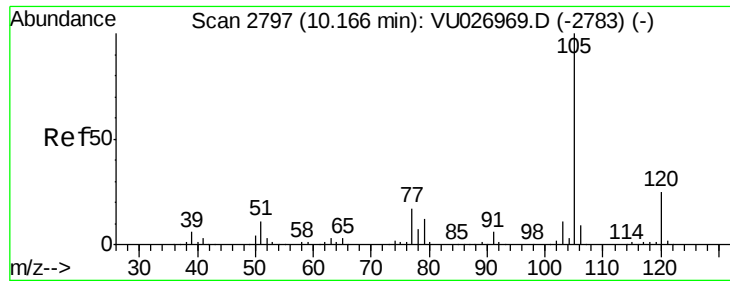
115 72.9 44.9 134.5

150 163.2 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: 20.921 ug/l

RT: 10.17 min Scan# 2798

Delta R.T. 0.00 min

Lab File: VU027165.D

Acq: 26 Sep 2018 10:23

Instrument :

MSVOA_U

ClientSampleId :

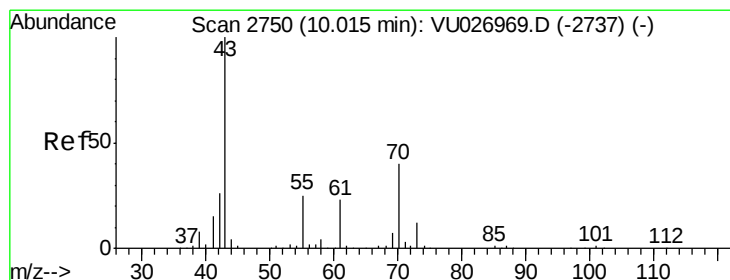
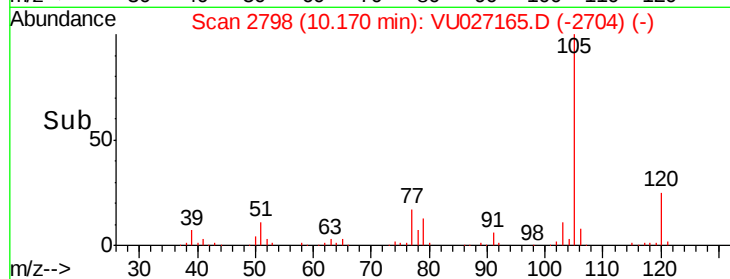
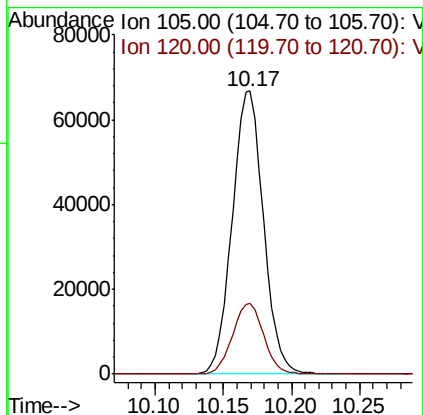
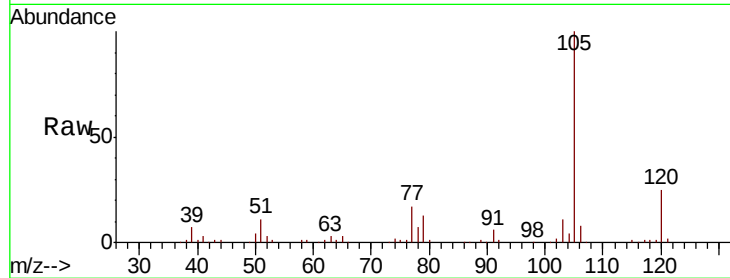
VU0926WBS02

Tgt Ion: 105 Resp: 106279

Ion Ratio Lower Upper

105 100

120 24.9 12.8 38.4



#74

N-ethyl acetate

Concen: 20.981 ug/l

RT: 10.02 min Scan# 2750

Delta R.T. 0.00 min

Lab File: VU027165.D

Acq: 26 Sep 2018 10:23

Tgt Ion: 43 Resp: 61696

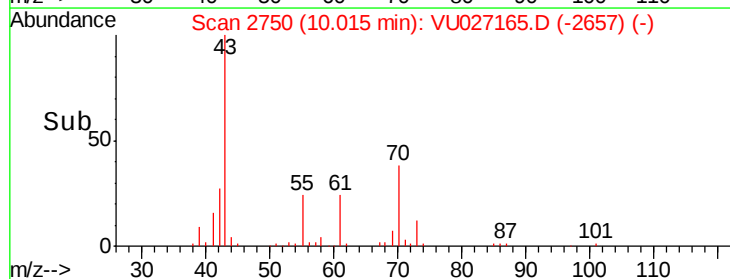
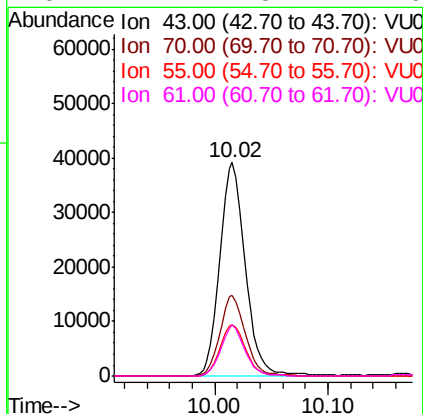
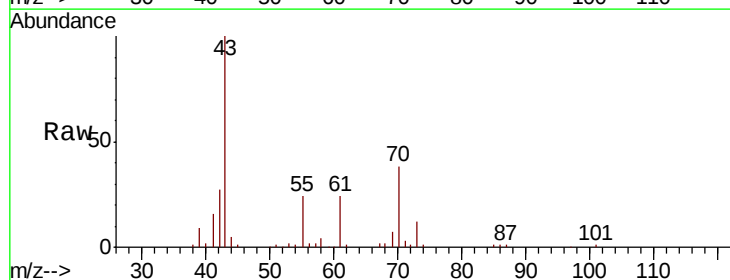
Ion Ratio Lower Upper

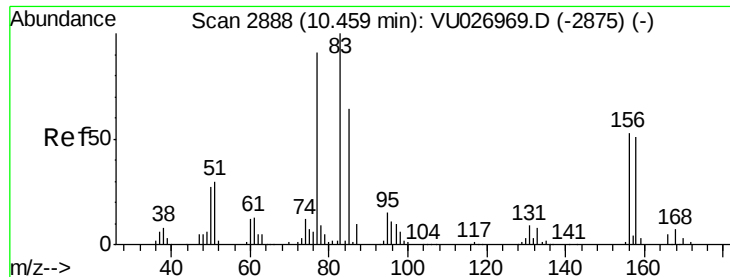
43 100

70 37.3 31.8 47.8

55 24.0 19.9 29.9

61 22.4 18.4 27.6





#75

1,1,2,2-Tetrachloroethane

Concen: 18.982 ug/l

RT: 10.46 min Scan# 2888

Delta R.T. 0.00 min

Lab File: VU027165.D

Acq: 26 Sep 2018 10:23

Instrument :

MSVOA_U

ClientSampleId :

VU0926WBS02

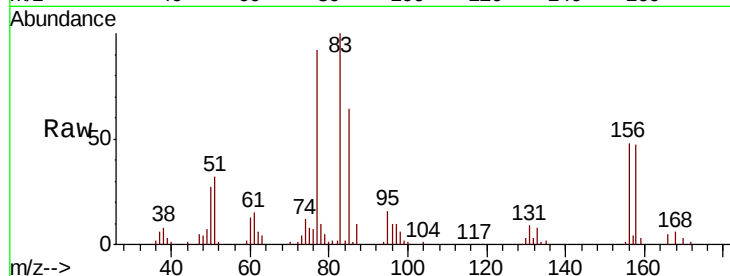
Tgt Ion: 83 Resp: 44336

Ion Ratio Lower Upper

83 100

131 8.1 4.3 12.8

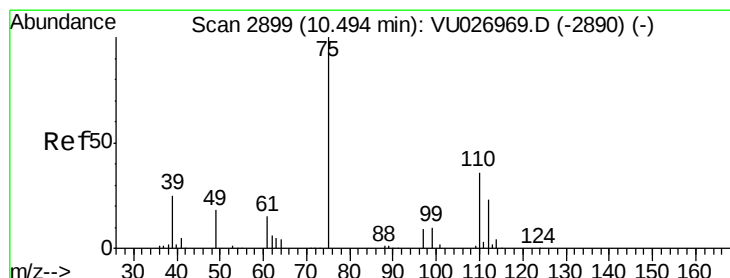
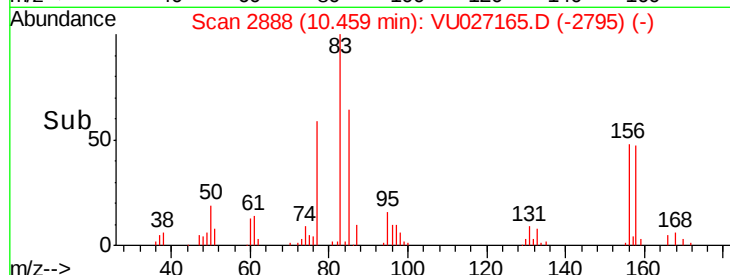
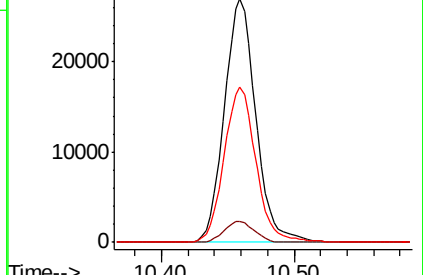
85 64.5 31.9 95.7



Abundance Ion 82.90 (82.60 to 83.60): VU027165.D (-2795) (-)

Ion 130.80 (130.50 to 131.50): VU027165.D (-2795) (-)

Ion 84.90 (84.60 to 85.60): VU027165.D (-2795) (-)



#76

1,2,3-Trichloropropane

Concen: 25.583 ug/l

RT: 10.49 min Scan# 2899

Delta R.T. 0.00 min

Lab File: VU027165.D

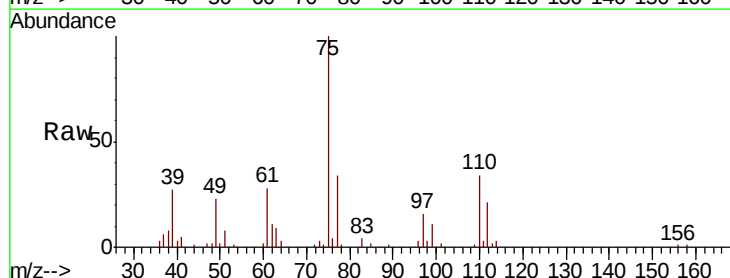
Acq: 26 Sep 2018 10:23

Tgt Ion: 75 Resp: 51904

Ion Ratio Lower Upper

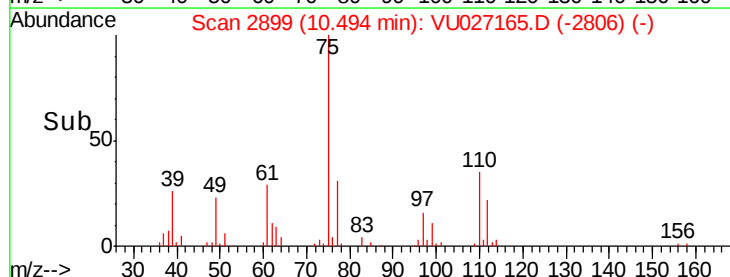
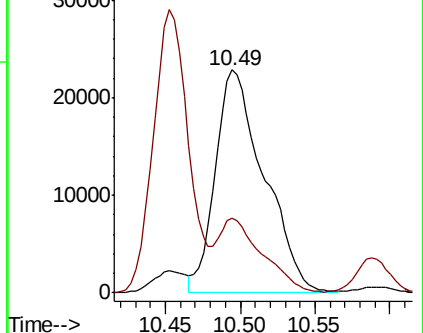
75 100

77 29.6 20.9 62.8



Abundance Ion 74.90 (74.60 to 75.60): VU027165.D (-2806) (-)

Ion 77.00 (76.70 to 77.70): VU027165.D (-2806) (-)





#77

Bromobenzene

Concen: 19.528 ug/l

RT: 10.45 min Scan# 2886

Delta R.T. 0.00 min

Lab File: VU027165.D

Acq: 26 Sep 2018 10:23

Instrument :

MSVOA_U

ClientSampleId :

VU0926WBS02

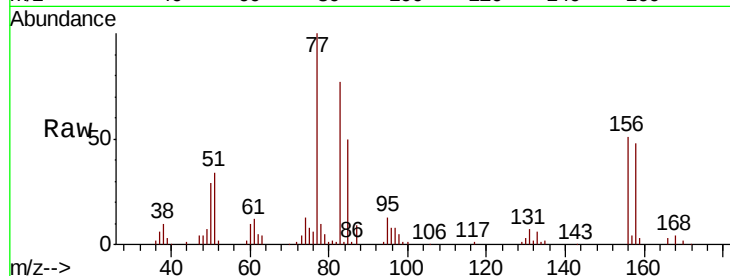
Tgt Ion:156 Resp: 24243

Ion Ratio Lower Upper

156 100

77 193.6 92.3 276.9

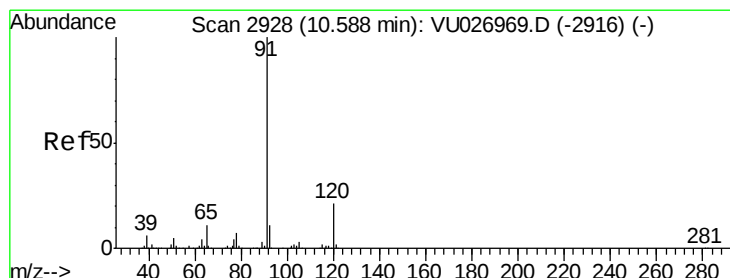
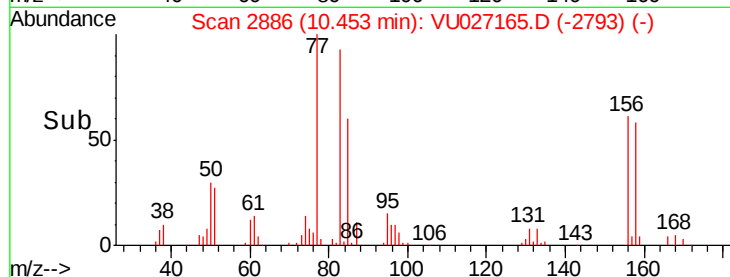
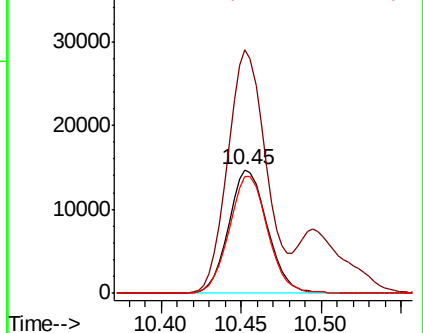
158 94.2 48.1 144.3



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: 20.683 ug/l

RT: 10.59 min Scan# 2928

Delta R.T. 0.00 min

Lab File: VU027165.D

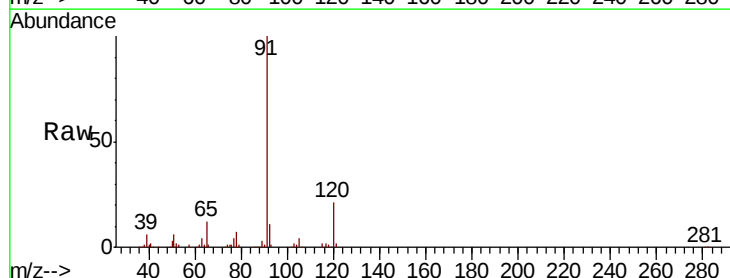
Acq: 26 Sep 2018 10:23

Tgt Ion: 91 Resp: 124327

Ion Ratio Lower Upper

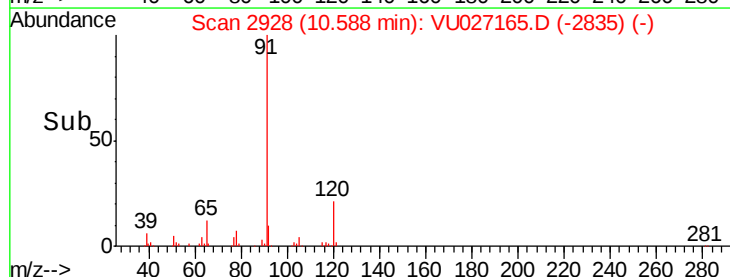
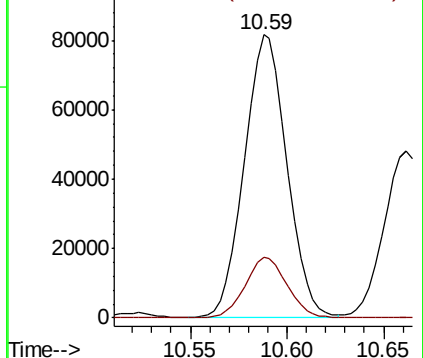
91 100

120 21.1 10.6 31.8



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V

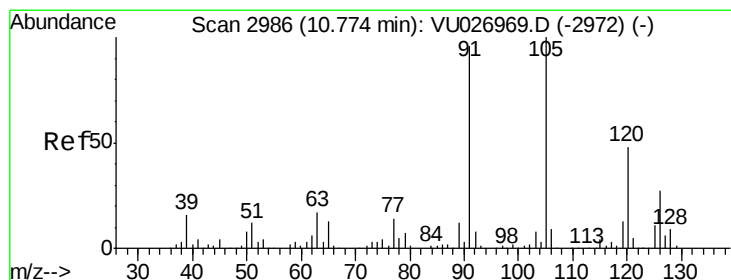
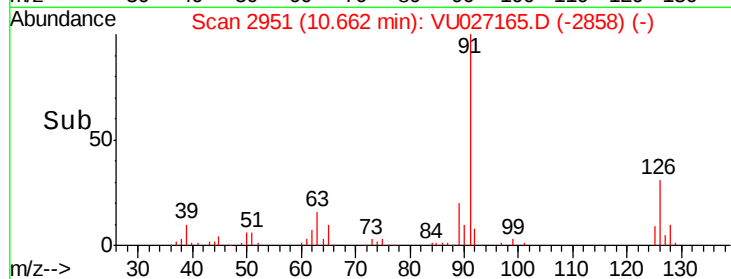
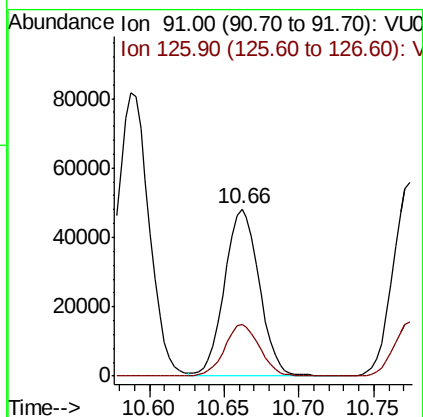
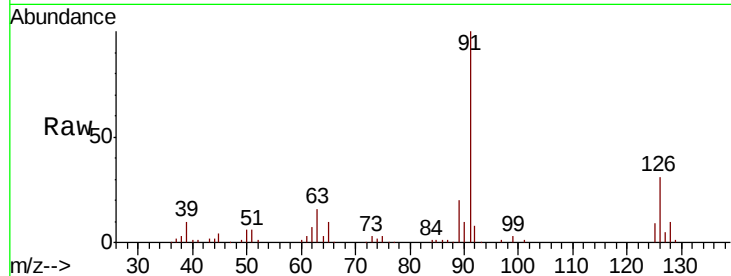




#79
 2-Chlorotoluene
 Concen: 20.517 ug/l
 RT: 10.66 min Scan# 2951
 Delta R.T. 0.00 min
 Lab File: VU027165.D
 Acq: 26 Sep 2018 10:23

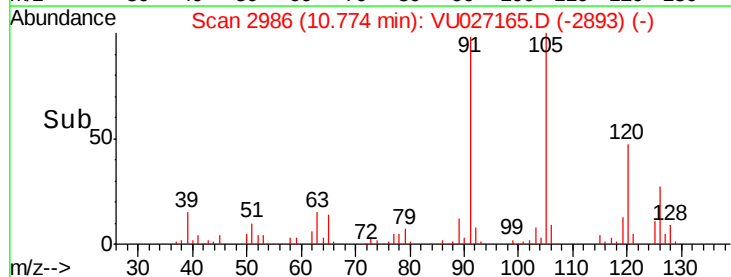
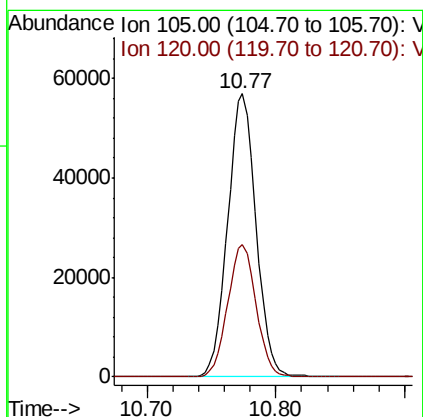
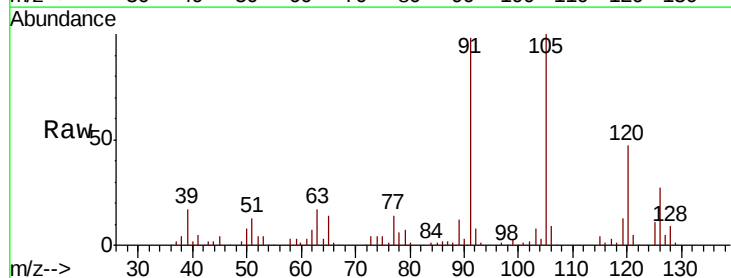
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0926WBS02

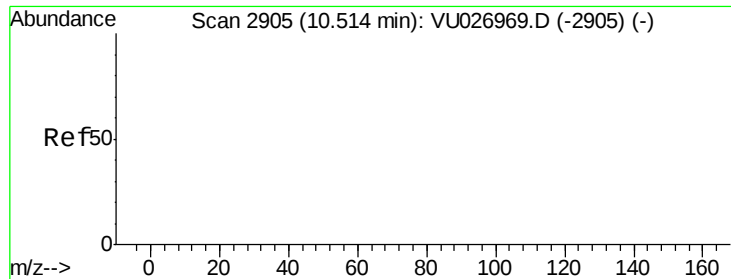
Tgt Ion: 91 Resp: 77466
 Ion Ratio Lower Upper
 91 100
 126 31.0 15.8 47.3



#80
 1,3,5-Trimethylbenzene
 Concen: 20.699 ug/l
 RT: 10.77 min Scan# 2986
 Delta R.T. 0.00 min
 Lab File: VU027165.D
 Acq: 26 Sep 2018 10:23

Tgt Ion: 105 Resp: 86803
 Ion Ratio Lower Upper
 105 100
 120 46.9 23.9 71.7

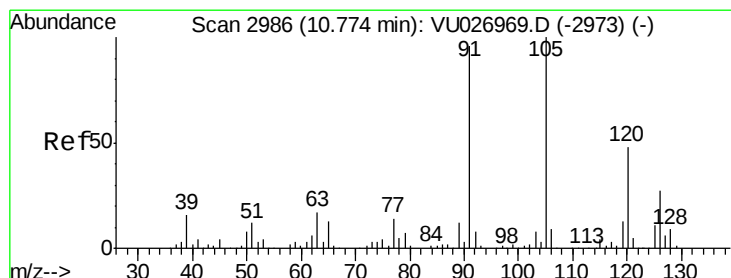
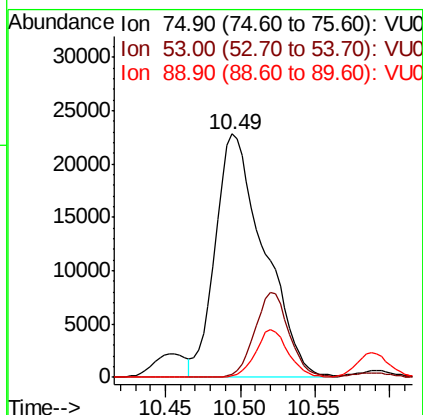
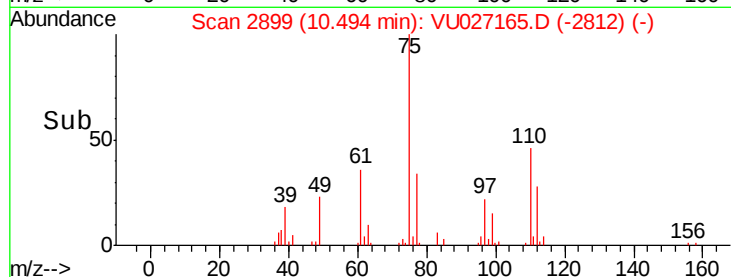
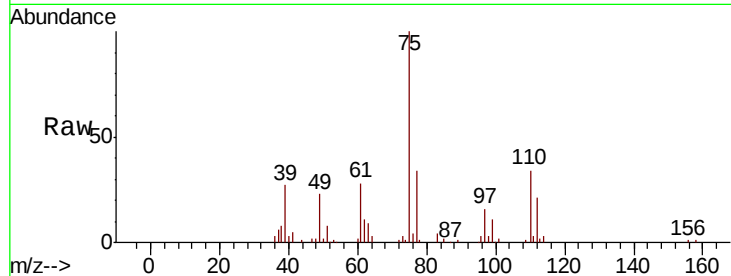




#81
trans-1,4-Dichloro-2-butene
Concen: 81.870 ug/l
RT: 10.49 min Scan# 2899
Delta R.T. -0.02 min
Lab File: VU027165.D
Acq: 26 Sep 2018 10:23

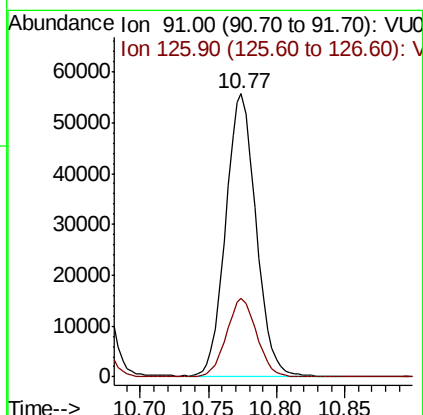
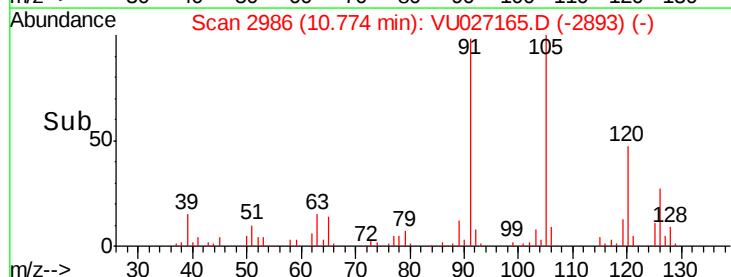
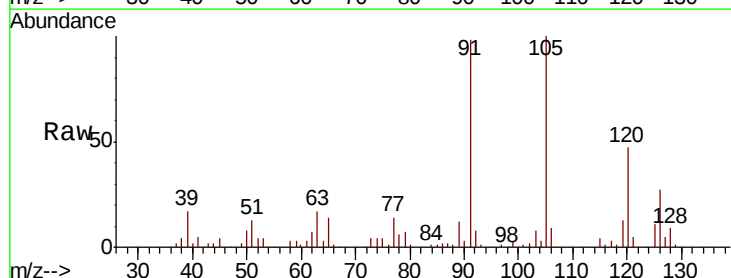
Instrument :
MSVOA_U
ClientSampleId :
VU0926WBS02

Tgt Ion: 75 Resp: 51904
Ion Ratio Lower Upper
75 100
53 0.0 0.0 0.0
89 0.0 0.0 0.0



#82
4-Chlorotoluene
Concen: 20.270 ug/l
RT: 10.77 min Scan# 2986
Delta R.T. 0.00 min
Lab File: VU027165.D
Acq: 26 Sep 2018 10:23

Tgt Ion: 91 Resp: 85814
Ion Ratio Lower Upper
91 100
126 27.7 14.1 42.2

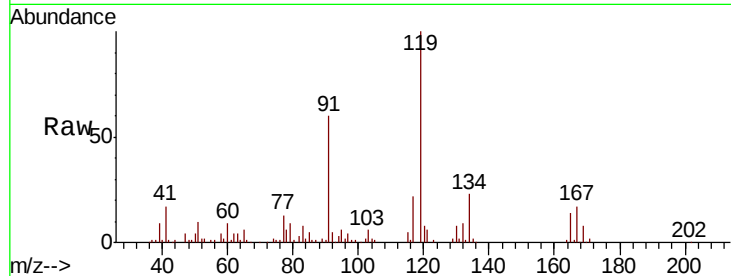




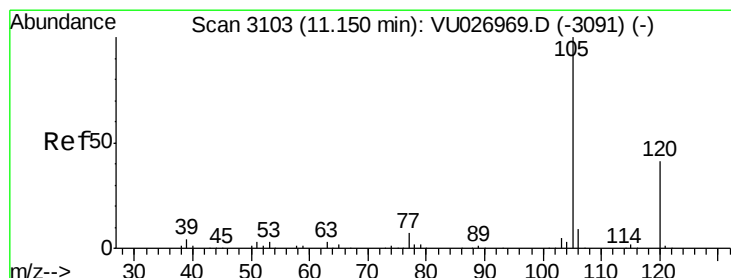
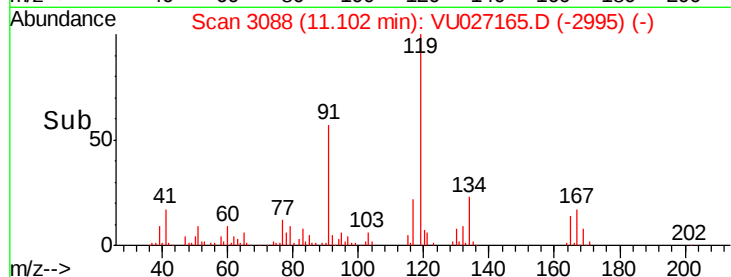
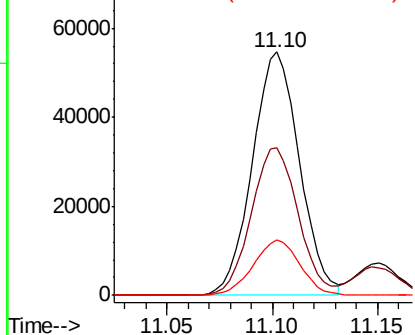
#83
 tert-Butylbenzene
 Concen: 20.513 ug/l
 RT: 11.10 min Scan# 3088
 Delta R.T. 0.00 min
 Lab File: VU027165.D
 Acq: 26 Sep 2018 10:23

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0926WBS02

Tgt Ion:119 Resp: 85044
 Ion Ratio Lower Upper
 119 100
 91 60.8 29.8 89.4
 134 22.4 11.5 34.4

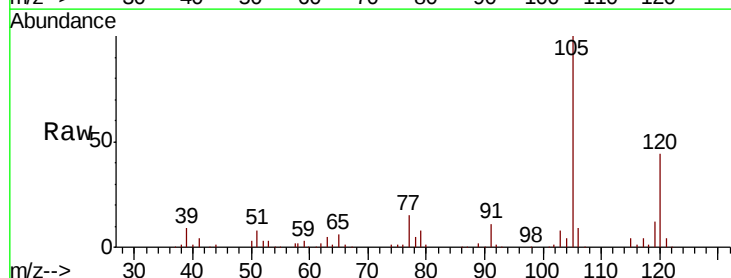


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VU0
 Ion 134.00 (133.70 to 134.70): V

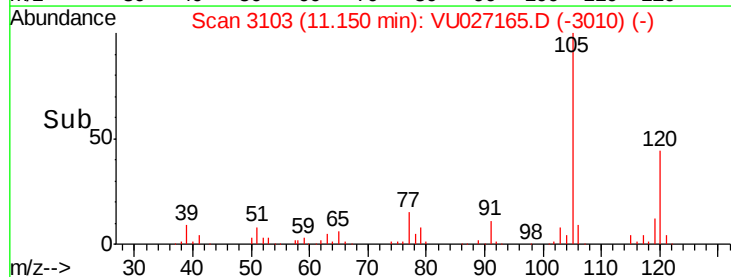
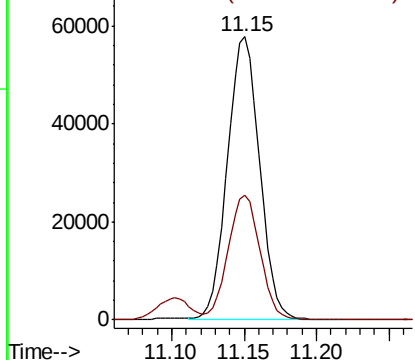


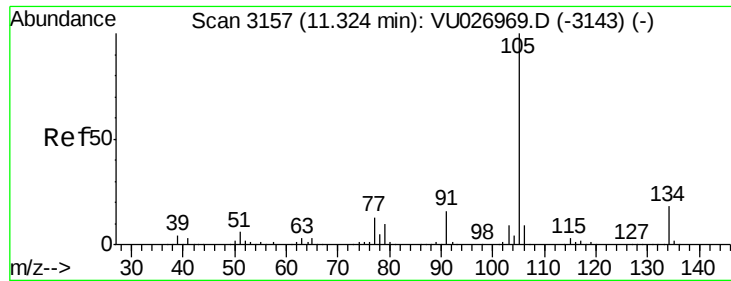
#84
 1,2,4-Trimethylbenzene
 Concen: 20.960 ug/l
 RT: 11.15 min Scan# 3103
 Delta R.T. 0.00 min
 Lab File: VU027165.D
 Acq: 26 Sep 2018 10:23

Tgt Ion:105 Resp: 89452
 Ion Ratio Lower Upper
 105 100
 120 43.7 22.4 67.2



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

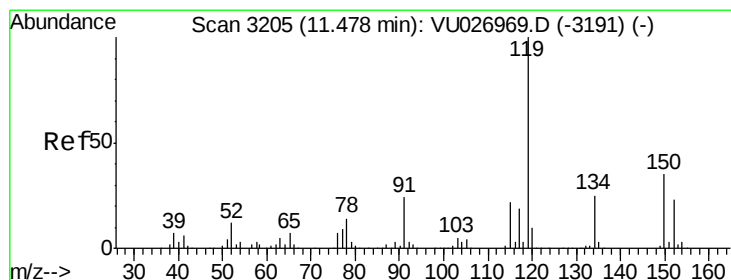
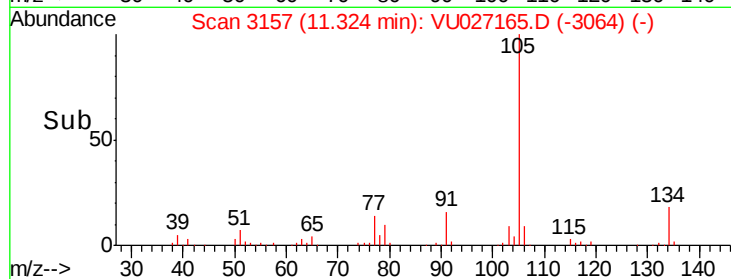
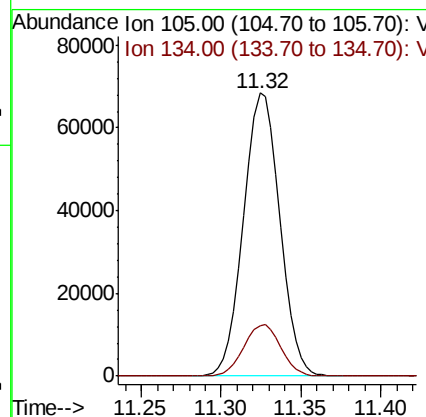
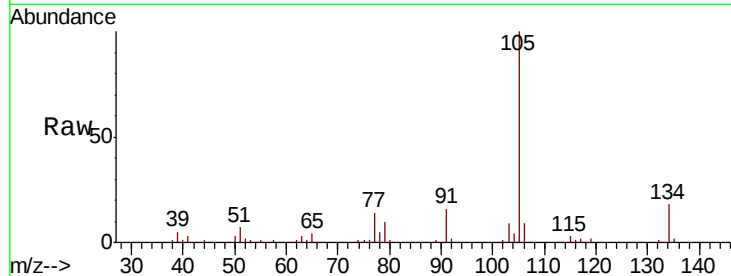




#85
 sec-Butylbenzene
 Concen: 20.881 ug/l
 RT: 11.32 min Scan# 3157
 Delta R.T. 0.00 min
 Lab File: VU027165.D
 Acq: 26 Sep 2018 10:23

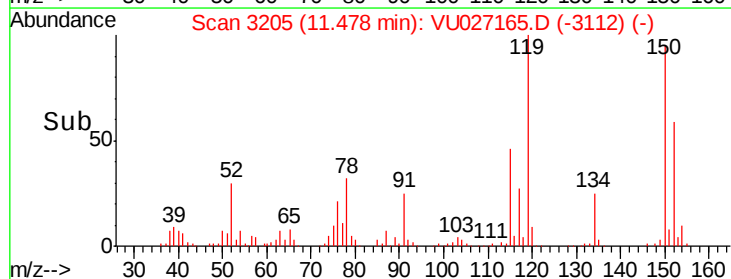
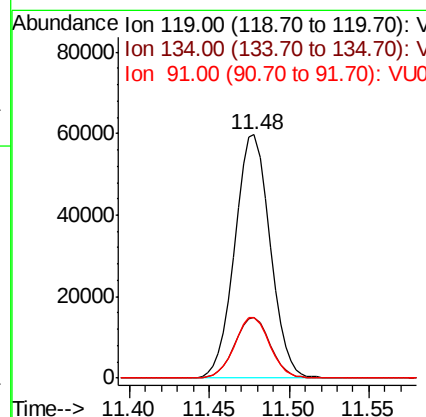
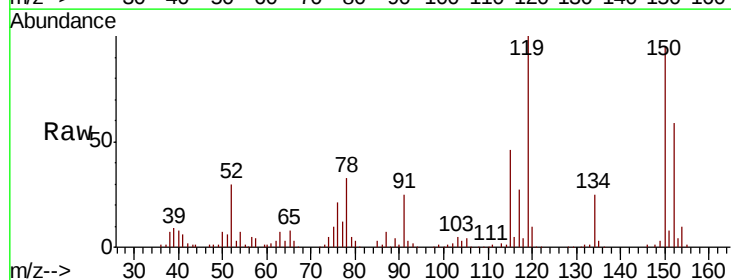
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0926WBS02

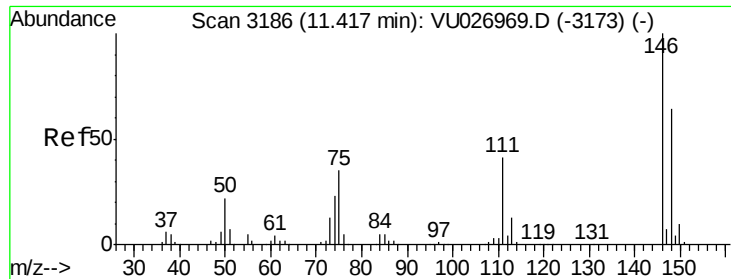
Tgt Ion:105 Resp: 105677
 Ion Ratio Lower Upper
 105 100
 134 18.5 9.4 28.2



#86
 p-Isopropyltoluene
 Concen: 19.520 ug/l
 RT: 11.48 min Scan# 3205
 Delta R.T. 0.00 min
 Lab File: VU027165.D
 Acq: 26 Sep 2018 10:23

Tgt Ion:119 Resp: 89961
 Ion Ratio Lower Upper
 119 100
 134 24.9 12.8 38.3
 91 24.8 12.3 36.8

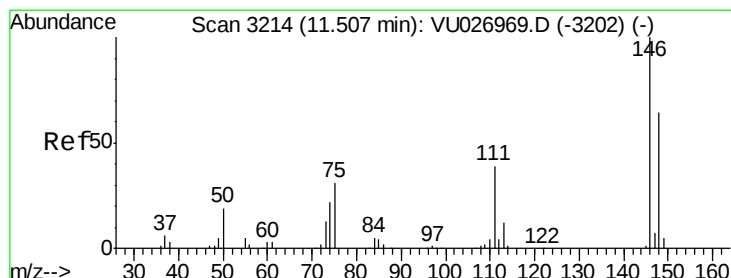
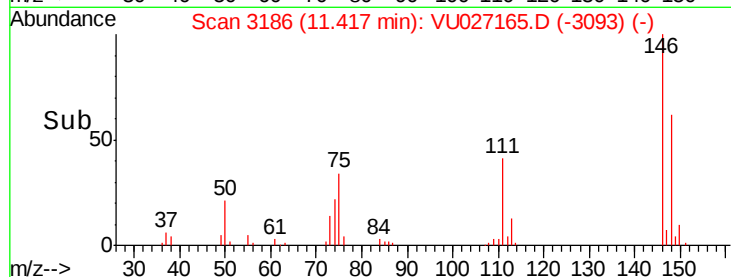
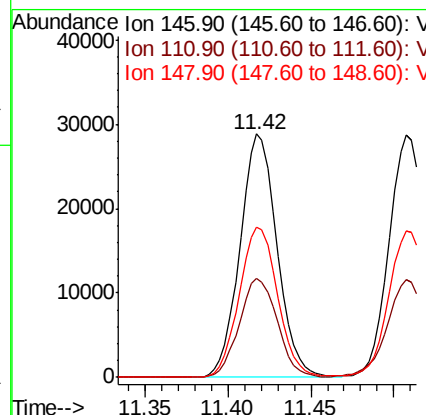
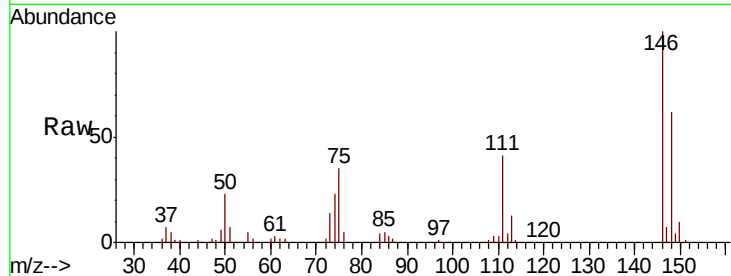




#87
 1,3-Dichlorobenzene
 Concen: 19.434 ug/l
 RT: 11.42 min Scan# 3186
 Delta R.T. 0.00 min
 Lab File: VU027165.D
 Acq: 26 Sep 2018 10:23

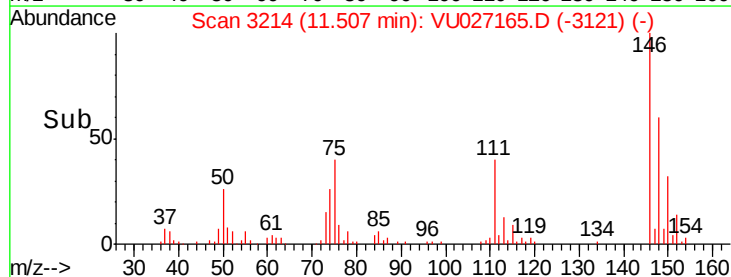
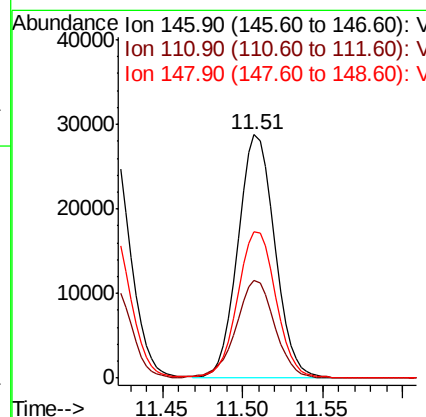
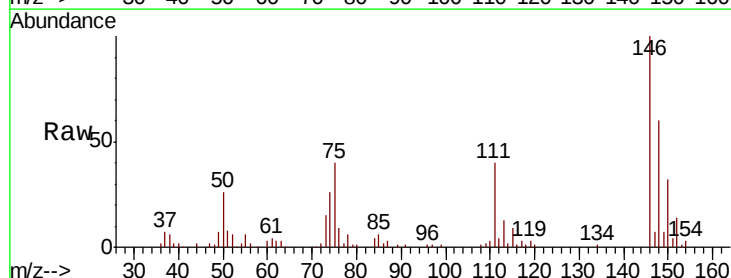
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0926WBS02

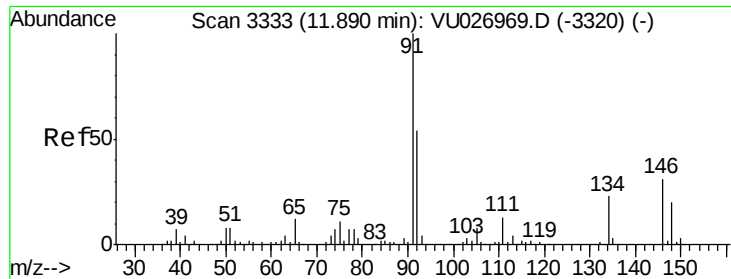
Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.6	20.8	62.2
148	63.7	32.0	96.2



#88
 1,4-Dichlorobenzene
 Concen: 17.963 ug/l
 RT: 11.51 min Scan# 3214
 Delta R.T. 0.00 min
 Lab File: VU027165.D
 Acq: 26 Sep 2018 10:23

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.2	20.3	60.9
148	62.8	31.9	95.9

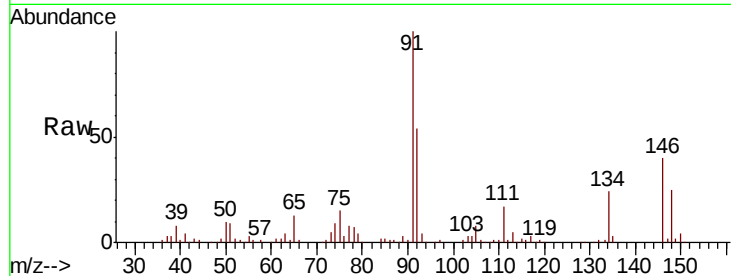




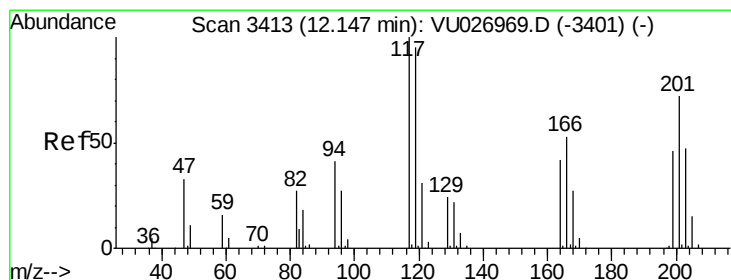
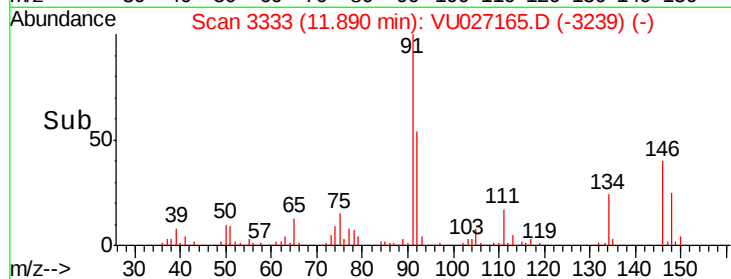
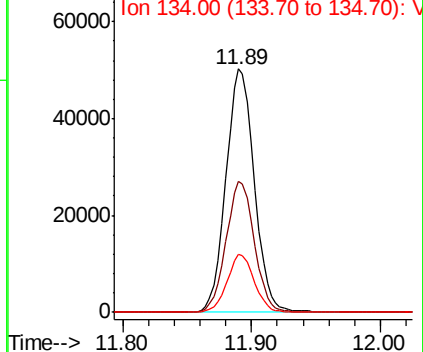
#89
n-Butylbenzene
Concen: 18.227 ug/l
RT: 11.89 min Scan# 3333
Delta R.T. 0.00 min
Lab File: VU027165.D
Acq: 26 Sep 2018 10:23

Instrument :
MSVOA_U
ClientSampleId :
VU0926WBS02

Tgt Ion: 91 Resp: 76555
Ion Ratio Lower Upper
91 100
92 53.5 27.1 81.2
134 22.7 11.7 35.0

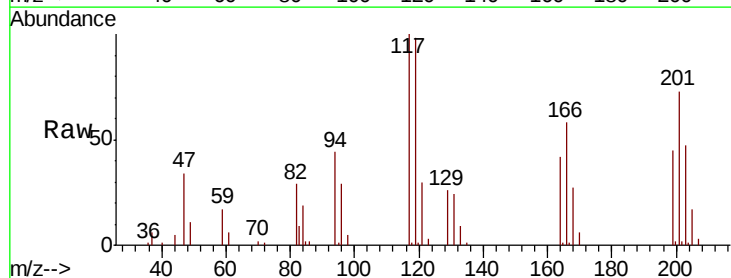


Abundance Ion 91.00 (90.70 to 91.70): VU026969.D (-3320) (-)
Ion 92.00 (91.70 to 92.70): VU026969.D (-3320) (-)
Ion 134.00 (133.70 to 134.70): VU026969.D (-3320) (-)

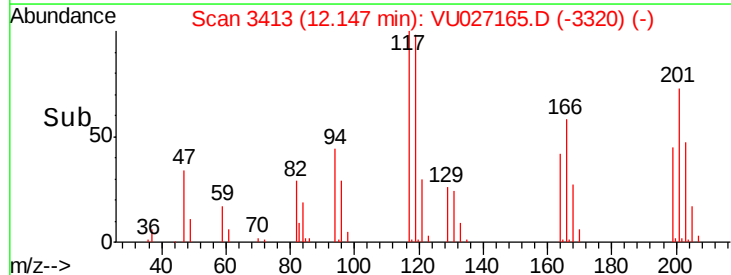
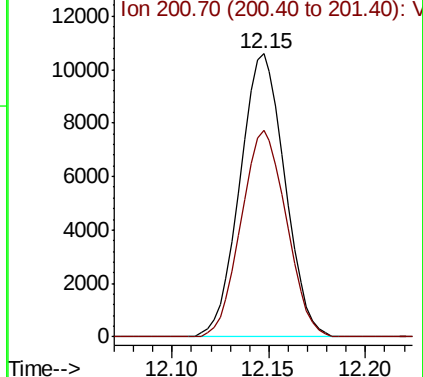


#90
Hexachloroethane
Concen: 18.613 ug/l
RT: 12.15 min Scan# 3413
Delta R.T. 0.00 min
Lab File: VU027165.D
Acq: 26 Sep 2018 10:23

Tgt Ion: 117 Resp: 17130
Ion Ratio Lower Upper
117 100
201 73.4 36.8 110.3



Abundance Ion 116.80 (116.50 to 117.50): VU026969.D (-3401) (-)
Ion 200.70 (200.40 to 201.40): VU026969.D (-3401) (-)

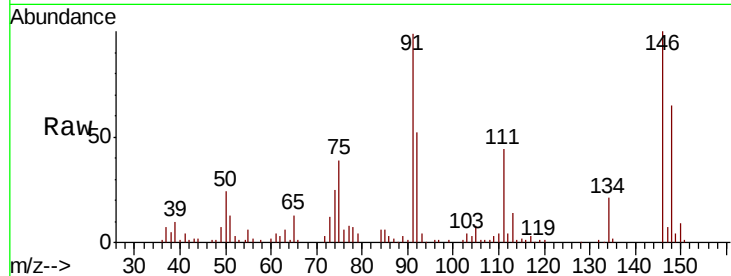




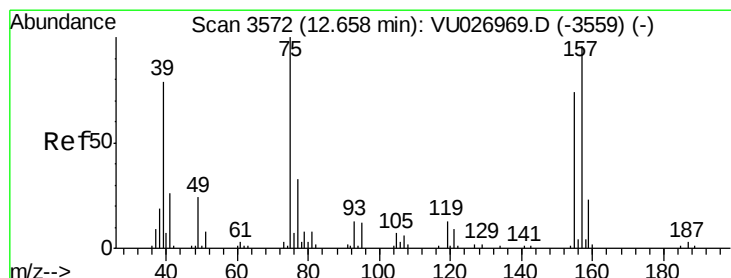
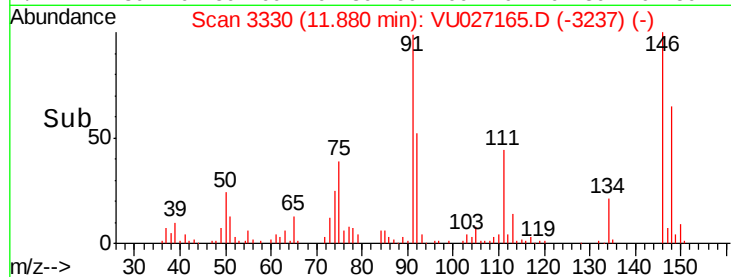
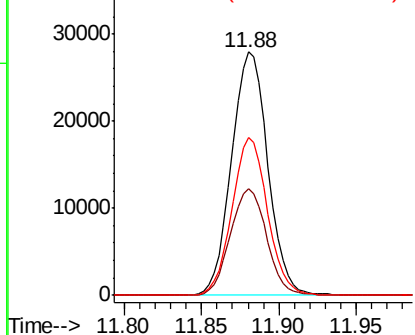
#91
 1,2-Dichlorobenzene
 Concen: 18.535 ug/l
 RT: 11.88 min Scan# 3330
 Delta R.T. 0.00 min
 Lab File: VU027165.D
 Acq: 26 Sep 2018 10:23

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0926WBS02

Tgt Ion: 146 Resp: 45483
 Ion Ratio Lower Upper
 146 100
 111 43.8 21.8 65.3
 148 63.4 31.9 95.7

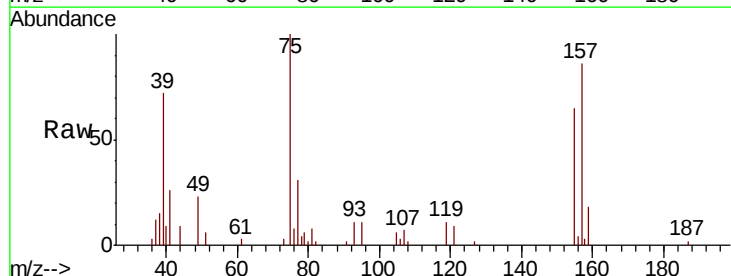


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

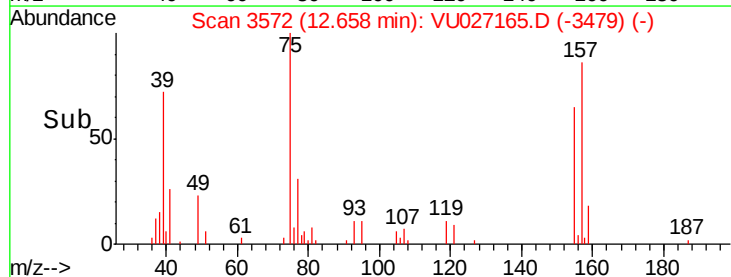
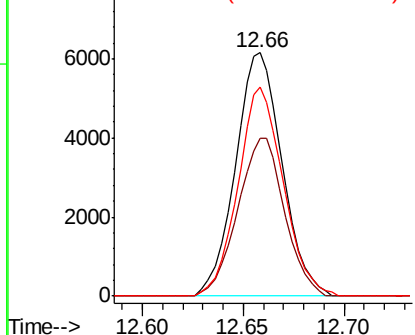


#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.859 ug/l
 RT: 12.66 min Scan# 3572
 Delta R.T. 0.00 min
 Lab File: VU027165.D
 Acq: 26 Sep 2018 10:23

Tgt Ion: 75 Resp: 9939
 Ion Ratio Lower Upper
 75 100
 155 65.3 36.6 109.8
 157 83.6 47.4 142.2



Abundance Ion 74.90 (74.60 to 75.60): VU0
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V

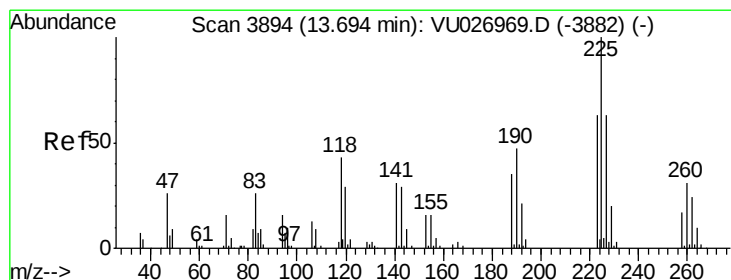
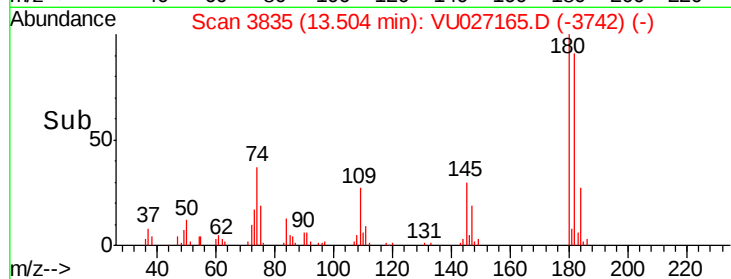
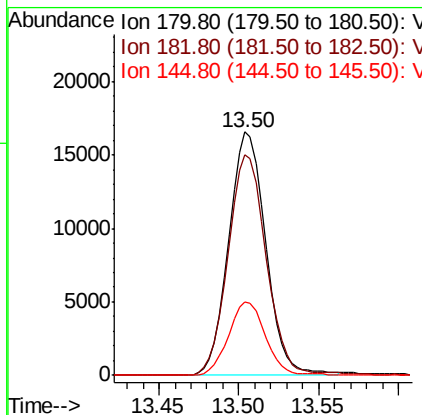
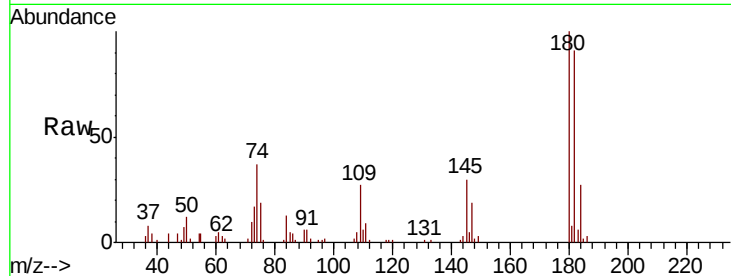




#93
 1,2,4-Trichlorobenzene
 Concen: 18.528 ug/l
 RT: 13.50 min Scan# 3835
 Delta R.T. 0.00 min
 Lab File: VU027165.D
 Acq: 26 Sep 2018 10:23

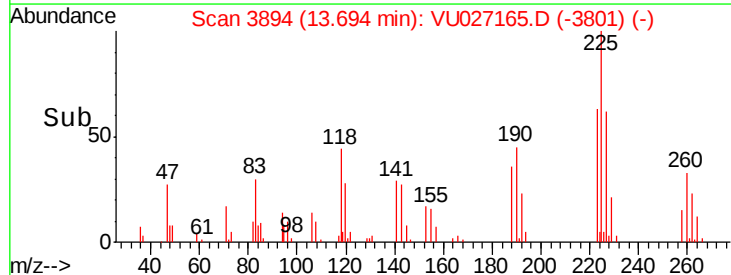
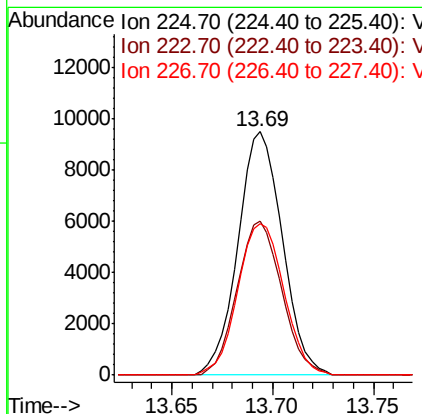
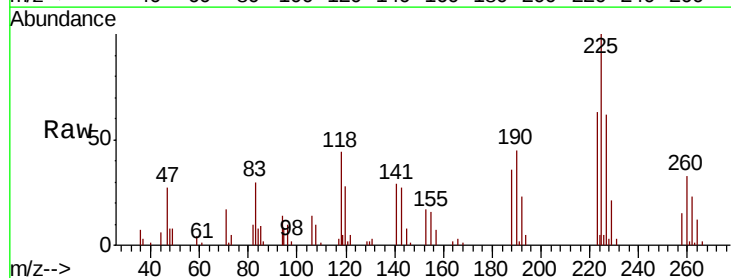
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0926WBS02

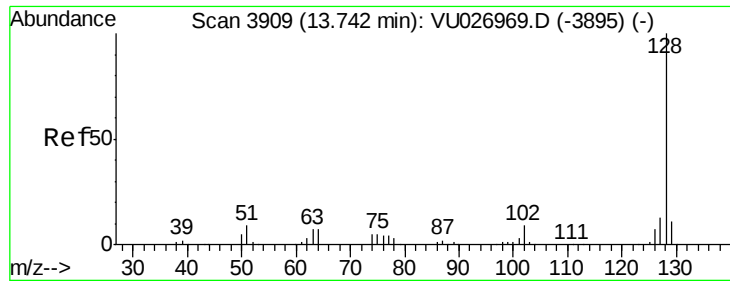
Tgt Ion:180 Resp: 26201
 Ion Ratio Lower Upper
 180 100
 182 92.6 47.4 142.2
 145 30.1 14.9 44.5



#94
 Hexachlorobutadiene
 Concen: 19.608 ug/l
 RT: 13.69 min Scan# 3894
 Delta R.T. 0.00 min
 Lab File: VU027165.D
 Acq: 26 Sep 2018 10:23

Tgt Ion:225 Resp: 14671
 Ion Ratio Lower Upper
 225 100
 223 63.4 31.9 95.7
 227 64.6 32.1 96.5

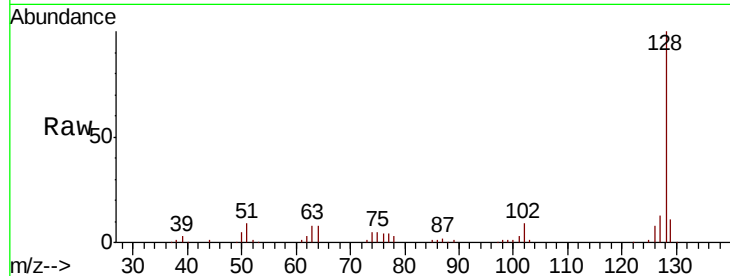




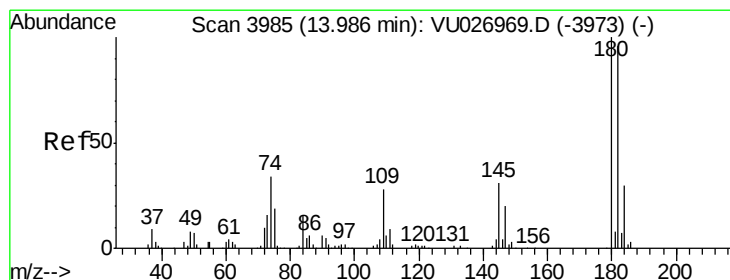
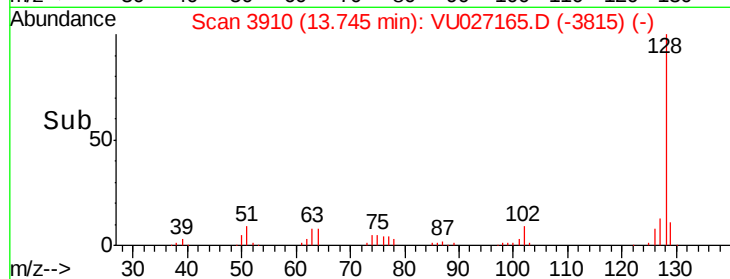
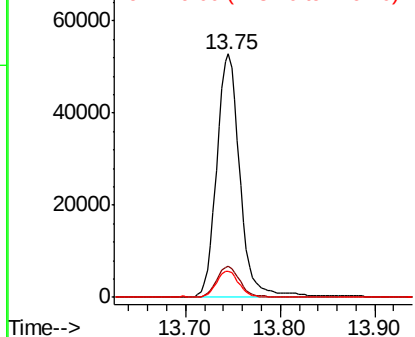
#95
Naphthalene
Concen: 17.489 ug/l
RT: 13.75 min Scan# 3910
Delta R.T. 0.00 min
Lab File: VU027165.D
Acq: 26 Sep 2018 10:23

Instrument :
MSVOA_U
ClientSampleId :
VU0926WBS02

Tgt Ion:128 Resp: 90414
Ion Ratio Lower Upper
128 100
127 12.9 10.6 15.8
129 10.7 8.6 12.8

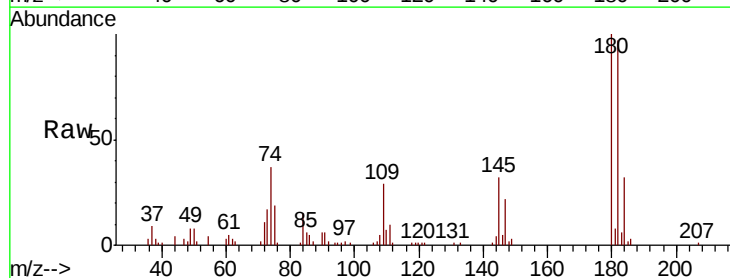


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 18.666 ug/l
RT: 13.99 min Scan# 3986
Delta R.T. 0.00 min
Lab File: VU027165.D
Acq: 26 Sep 2018 10:23

Tgt Ion:180 Resp: 28307
Ion Ratio Lower Upper
180 100
182 94.3 47.5 142.5
145 31.8 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

