

Data File : VU027041.D
Acq On : 23 Sep 2018 01:28
Operator : MD/SY
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 82 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFB

Quant Time: Sep 24 05:45:10 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	82922	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	139324	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	137407	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	76145	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	85126	51.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.02%	
35) Dibromofluoromethane	4.88	113	60262	49.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.80%	
50) Toluene-d8	7.57	98	232730	50.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.14%	
62) 4-Bromofluorobenzene	10.31	95	85151	53.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.84%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.21	85	50402	46.554	ug/l	97
3) Chloromethane	1.33	50	85341	45.720	ug/l	99
4) Vinyl Chloride	1.40	62	83628	47.996	ug/l	99
5) Bromomethane	1.61	94	43558	43.899	ug/l	98
6) Chloroethane	1.69	64	55227	49.607	ug/l	97
7) Trichlorofluoromethane	1.88	101	96195	48.609	ug/l	98
8) Diethyl Ether	2.10	74	47197	49.549	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.29	101	58309	47.920	ug/l	98
10) Methyl Iodide	2.41	142	63533	42.099	ug/l	100
11) Tert butyl alcohol	2.83	59	99349	259.713	ug/l	99
12) 1,1-Dichloroethene	2.28	96	54730	47.788	ug/l	96
13) Acrolein	2.20	56	50986	247.252	ug/l	98
14) Allyl chloride	2.59	41	123242	53.055	ug/l	98
15) Acrylonitrile	2.94	53	251331	260.681	ug/l	98
16) Acetone	2.32	43	224134	253.023	ug/l	99
17) Carbon Disulfide	2.48	76	175288	46.982	ug/l	100
18) Methyl Acetate	2.61	43	127947	53.862	ug/l	99
19) Methyl tert-butyl Ether	3.00	73	224340	53.305	ug/l	100
20) Methylene Chloride	2.70	84	70930	47.455	ug/l	97
21) trans-1,2-Dichloroethene	2.98	96	61420	50.230	ug/l	99
22) Diisopropyl ether	3.57	45	276369	55.625	ug/l	99
23) Vinyl Acetate	3.53	43	1183517	279.446	ug/l	99
24) 1,1-Dichloroethane	3.45	63	141866	51.843	ug/l	99
25) 2-Butanone	4.26	43	362876	258.724	ug/l	99
26) 2,2-Dichloropropane	4.23	77	88813	41.616	ug/l	100
27) cis-1,2-Dichloroethene	4.23	96	70197	50.834	ug/l	99
28) Bromochloromethane	4.55	49	74051	56.138	ug/l	95
29) Tetrahydrofuran	4.64	42	236678	278.952	ug/l	97
30) Chloroform	4.67	83	126673	49.870	ug/l	99
31) Cyclohexane	5.00	56	128817	51.807	ug/l	98
32) 1,1,1-Trichloroethane	4.92	97	104180	51.370	ug/l	100
36) 1,1-Dichloropropene	5.14	75	95032	51.108	ug/l	98
37) Ethyl Acetate	4.38	43	131478	52.232	ug/l	99
38) Carbon Tetrachloride	5.13	117	87310	49.342	ug/l	98

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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	108657	53.772	ug/l	99
40) Benzene	5.39	78	285730	50.548	ug/l	100
41) Methacrylonitrile	4.54	41	74212	56.768	ug/l	98
42) 1,2-Dichloroethane	5.40	62	110862	51.910	ug/l	99
43) Isopropyl Acetate	5.55	43	201229	54.816	ug/l	99
44) Trichloroethene	6.19	130	61049	50.731	ug/l	98
45) 1,2-Dichloropropane	6.43	63	84279	52.326	ug/l	99
46) Dibromomethane	6.56	93	49191	50.569	ug/l	97
47) Bromodichloromethane	6.76	83	98347	50.000	ug/l	99
48) Methyl methacrylate	6.62	41	103939	51.979	ug/l	98
49) 1,4-Dioxane	6.61	88	40917	1031.212	ug/l	98
51) 4-Methyl-2-Pentanone	7.46	43	697249	282.404	ug/l	99
52) Toluene	7.64	92	171385	52.895	ug/l	97
53) t-1,3-Dichloropropene	7.88	75	111631	52.823	ug/l	99
54) cis-1,3-Dichloropropene	7.27	75	122420	52.685	ug/l	100
55) 1,1,2-Trichloroethane	8.07	97	69895	50.910	ug/l	98
56) Ethyl methacrylate	8.02	69	118388	49.711	ug/l	97
57) 1,3-Dichloropropane	8.24	76	135473	53.054	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.13	63	343468	253.982	ug/l	99
59) 2-Hexanone	8.36	43	528218	273.311	ug/l	100
60) Dibromochloromethane	8.48	129	70396	52.274	ug/l	99
61) 1,2-Dibromoethane	8.59	107	74012	51.812	ug/l	99
64) Tetrachloroethene	8.23	164	52447	49.534	ug/l	97
65) Chlorobenzene	9.12	112	178110	48.886	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.21	131	64574	51.457	ug/l	99
67) Ethyl Benzene	9.25	91	324525	54.168	ug/l	99
68) m/p-Xylenes	9.38	106	241550	99.561	ug/l	98
69) o-Xylene	9.78	106	115885	54.593	ug/l	98
70) Styrene	9.79	104	196819	49.671	ug/l	99
71) Bromoform	9.96	173	50631	52.174	ug/l #	99
73) Isopropylbenzene	10.17	105	318864	55.050	ug/l	99
74) N-amyl acetate	10.02	43	185863	55.435	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.46	83	124408	46.715	ug/l	99
76) 1,2,3-Trichloropropane	10.49	75	148763	64.309	ug/l	83
77) Bromobenzene	10.45	156	72339	51.107	ug/l	97
78) n-propylbenzene	10.59	91	386019	56.324	ug/l	99
79) 2-Chlorotoluene	10.66	91	228354	53.045	ug/l	99
80) 1,3,5-Trimethylbenzene	10.77	105	265132	55.451	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.49	75	148763	205.799	ug/l #	100
82) 4-Chlorotoluene	10.77	91	259486	53.757	ug/l	99
83) tert-Butylbenzene	11.10	119	250998	53.097	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	271376	55.770	ug/l	99
85) sec-Butylbenzene	11.32	105	321464	55.709	ug/l	100
86) p-Isopropyltoluene	11.48	119	273108	50.431	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	130980	49.727	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	135433	47.177	ug/l	99
89) n-Butylbenzene	11.89	91	257096	49.031	ug/l	99
90) Hexachloroethane	12.15	117	50900	48.507	ug/l	97
91) 1,2-Dichlorobenzene	11.88	146	133726	47.795	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	27551	50.712	ug/l	99

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

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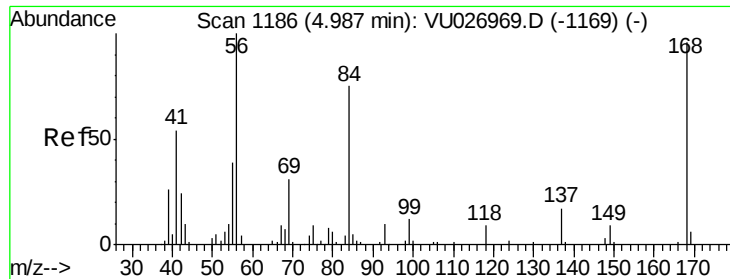
Quant Time: Sep 24 05:45:10 2018
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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.50	180	85702	53.153	ug/l	98
94) Hexachlorobutadiene	13.69	225	41267	48.372	ug/l	98
95) Naphthalene	13.74	128	313306	49.709	ug/l	100
96) 1,2,3-Trichlorobenzene	13.99	180	90934	52.591	ug/l	99

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. -0.00 min

Lab File: VU027041.D

Acq: 23 Sep 2018 01:28

Instrument :

MSVOA_U

ClientSampleId :

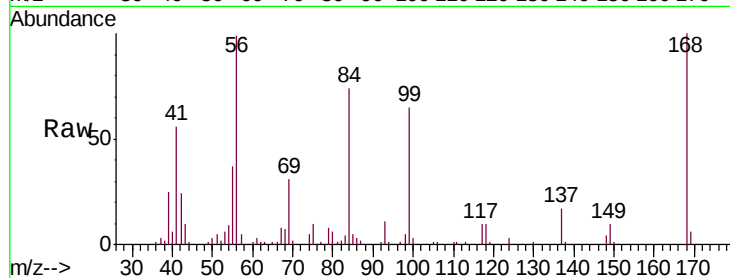
BFB

Tgt Ion:168 Resp: 82922

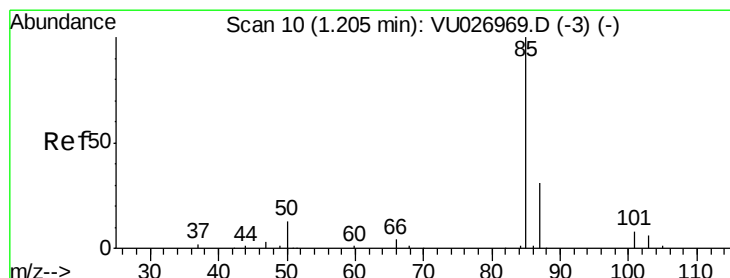
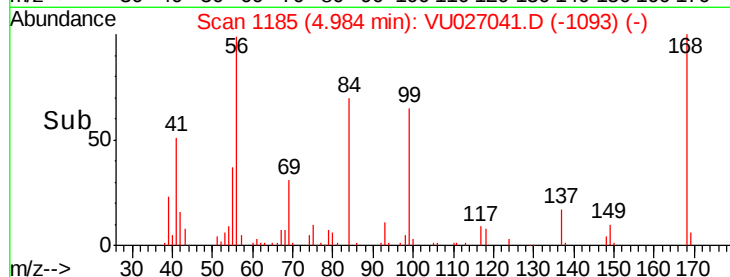
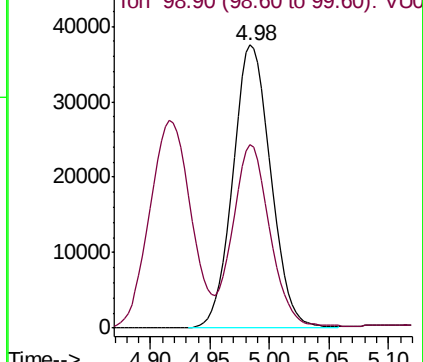
Ion Ratio Lower Upper

168 100

99 63.9 48.1 72.1



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



#2

Dichlorodifluoromethane

Concen: 46.554 ug/l

RT: 1.21 min Scan# 10

Delta R.T. 0.00 min

Lab File: VU027041.D

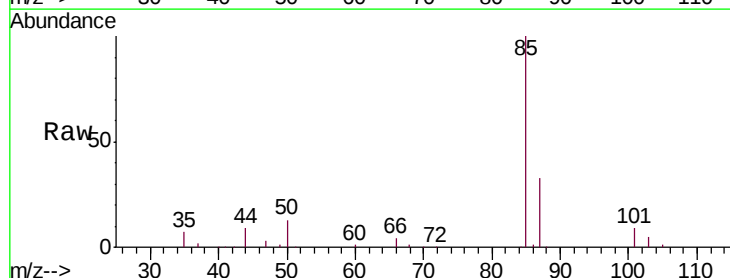
Acq: 23 Sep 2018 01:28

Tgt Ion: 85 Resp: 50402

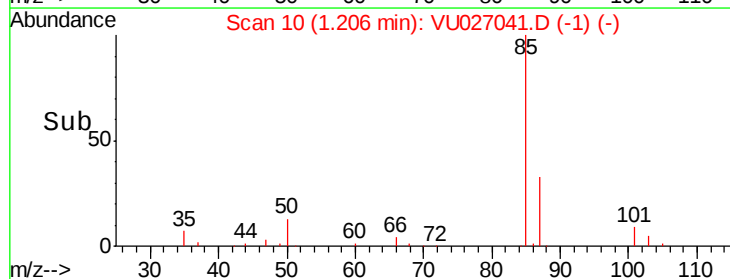
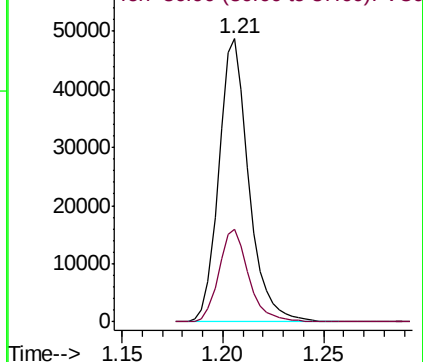
Ion Ratio Lower Upper

85 100

87 32.9 15.6 46.7



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

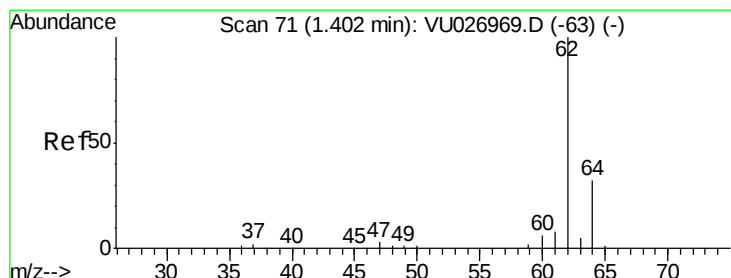
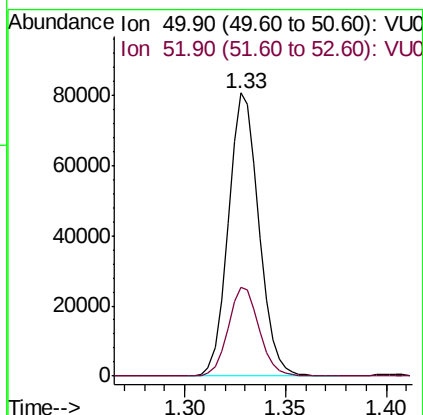
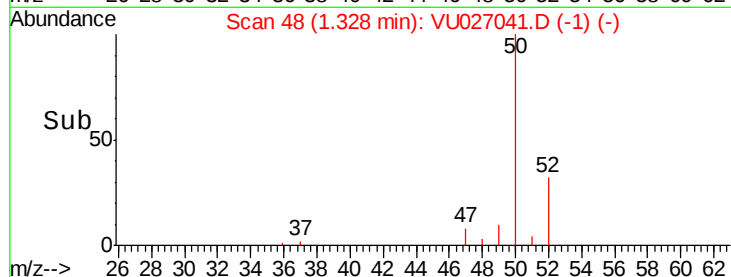
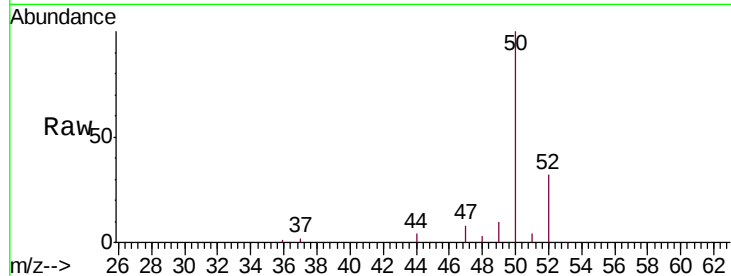




#3
Chloromethane
Concen: 45.720 ug/l
RT: 1.33 min Scan# 48
Delta R.T. -0.00 min
Lab File: VU027041.D
Acq: 23 Sep 2018 01:28

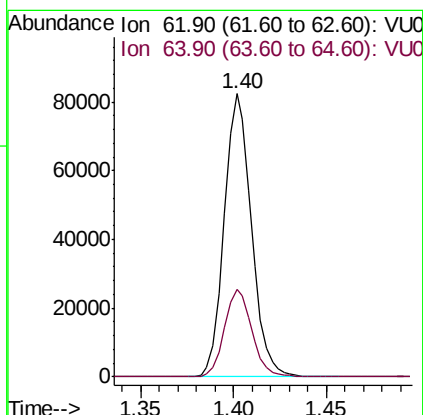
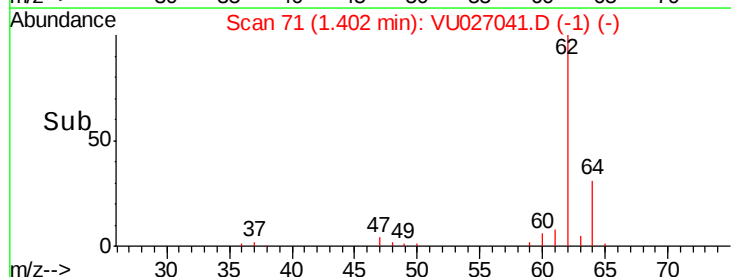
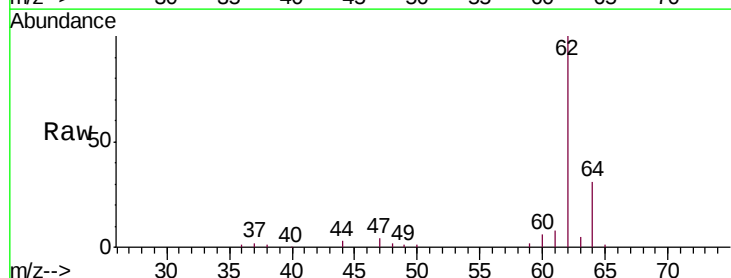
Instrument :
MSVOA_U
ClientSampleId :
BFB

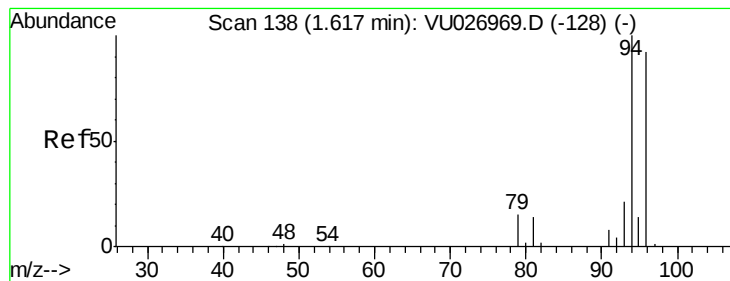
Tgt Ion: 50 Resp: 85341
Ion Ratio Lower Upper
50 100
52 31.6 25.9 38.9



#4
Vinyl Chloride
Concen: 47.996 ug/l
RT: 1.40 min Scan# 71
Delta R.T. 0.00 min
Lab File: VU027041.D
Acq: 23 Sep 2018 01:28

Tgt Ion: 62 Resp: 83628
Ion Ratio Lower Upper
62 100
64 31.1 25.5 38.3





#5

Bromomethane

Concen: 43.899 ug/l

RT: 1.61 min Scan# 137

Delta R.T. -0.00 min

Lab File: VU027041.D

Acq: 23 Sep 2018 01:28

Instrument :

MSVOA_U

ClientSampleId :

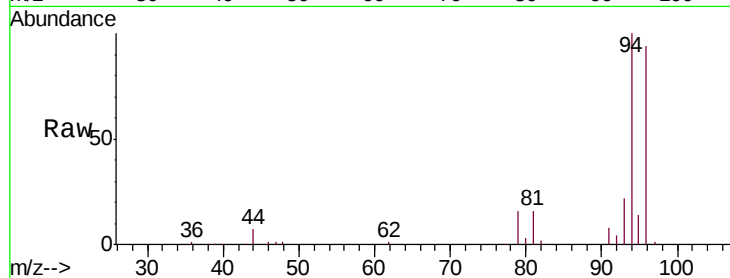
BFB

Tgt Ion: 94 Resp: 43558

Ion Ratio Lower Upper

94 100

96 93.8 73.2 109.8



Abundance Ion 93.90 (93.60 to 94.60): VU026969.D (-128) (-)

Ion 95.90 (95.60 to 96.60): VU026969.D (-128) (-)

1.61

40000

30000

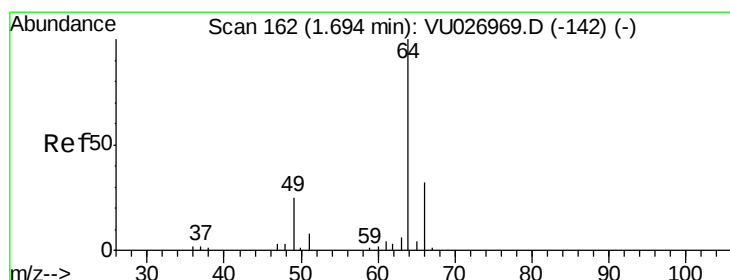
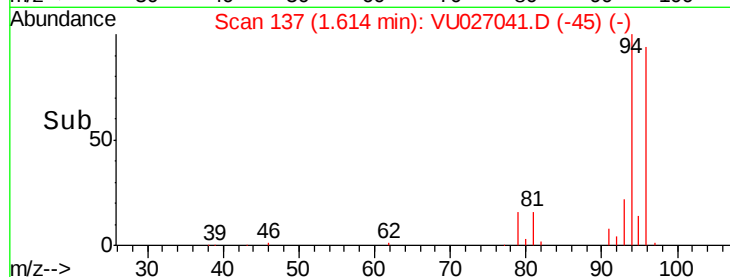
20000

10000

0

1.55 1.60 1.65 1.70

Time-->



#6

Chloroethane

Concen: 49.607 ug/l

RT: 1.69 min Scan# 161

Delta R.T. -0.00 min

Lab File: VU027041.D

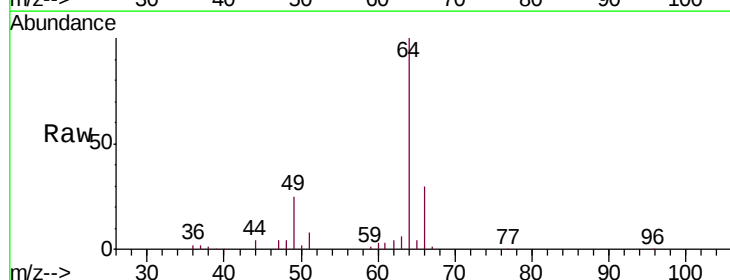
Acq: 23 Sep 2018 01:28

Tgt Ion: 64 Resp: 55227

Ion Ratio Lower Upper

64 100

66 29.9 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VU026969.D (-142) (-)

Ion 65.90 (65.60 to 66.60): VU026969.D (-142) (-)

1.69

40000

30000

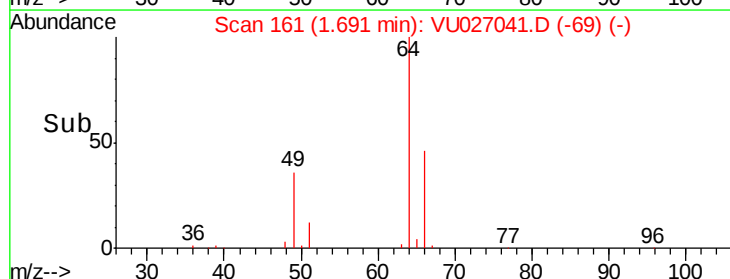
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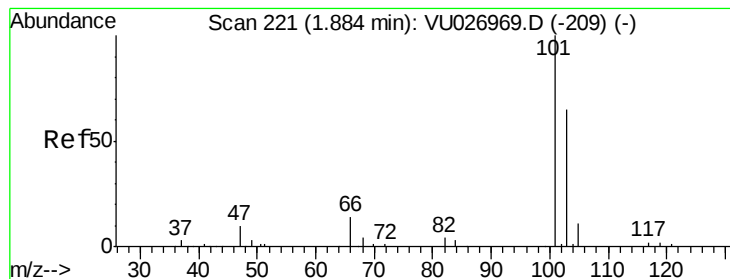
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1.65 1.70 1.75

Time-->



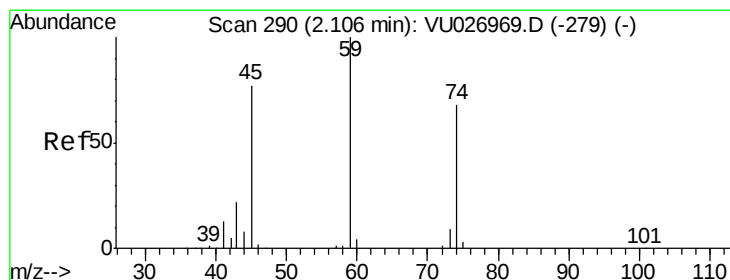
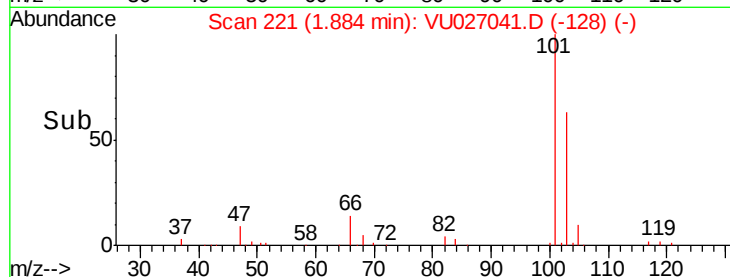
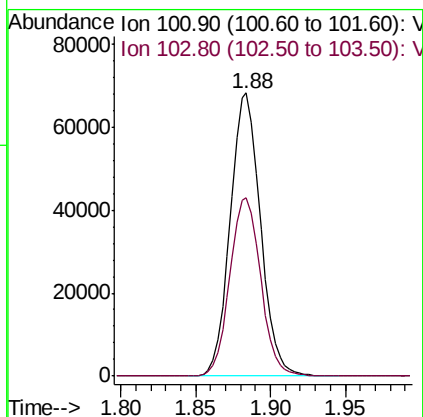
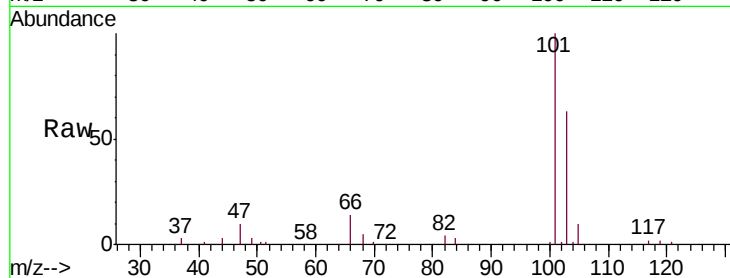


#7

Trichlorofluoromethane
 Concen: 48.609 ug/l
 RT: 1.88 min Scan# 221
 Delta R.T. 0.00 min
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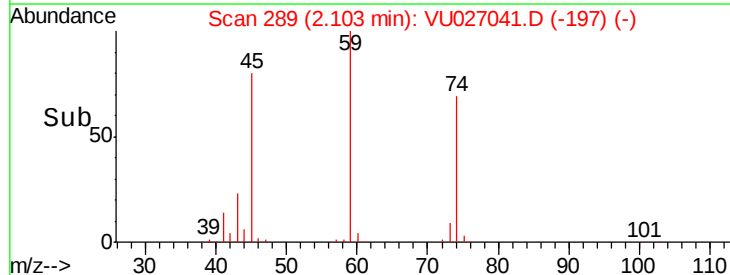
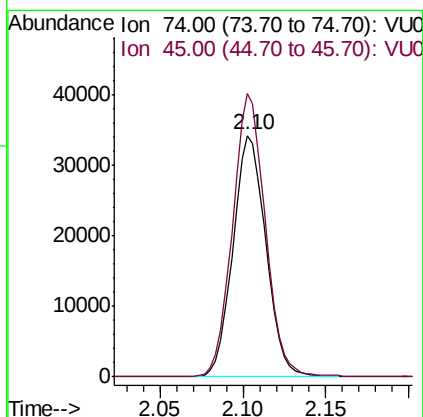
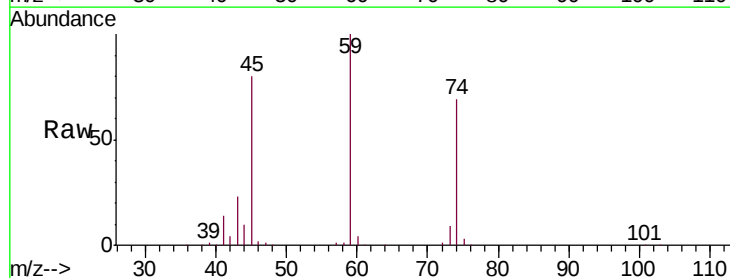
Tgt Ion: 101 Resp: 96195
 Ion Ratio Lower Upper
 101 100
 103 63.2 52.2 78.2

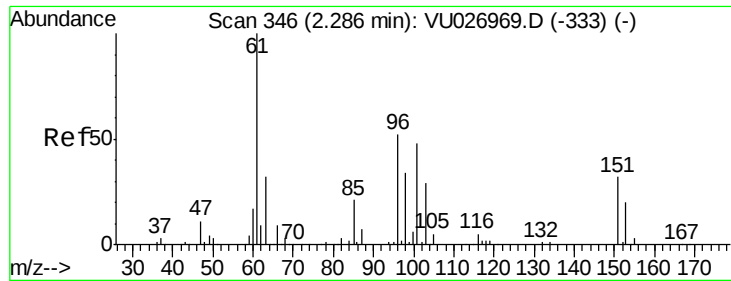


#8

Diethyl Ether
 Concen: 49.549 ug/l
 RT: 2.10 min Scan# 289
 Delta R.T. -0.00 min
 Lab File: VU027041.D
 Acq: 23 Sep 2018 01:28

Tgt Ion: 74 Resp: 47197
 Ion Ratio Lower Upper
 74 100
 45 117.0 56.9 170.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.920 ug/l

RT: 2.29 min Scan# 346

Delta R.T. 0.00 min

Lab File: VU027041.D

Acq: 23 Sep 2018 01:28

Instrument :

MSVOA_U

ClientSampleId :

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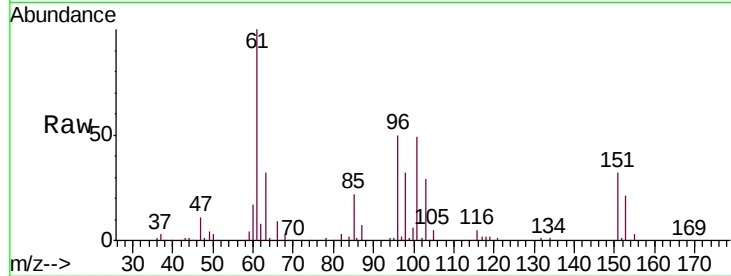
Tgt Ion:101 Resp: 58309

Ion Ratio Lower Upper

101 100

85 45.8 36.2 54.2

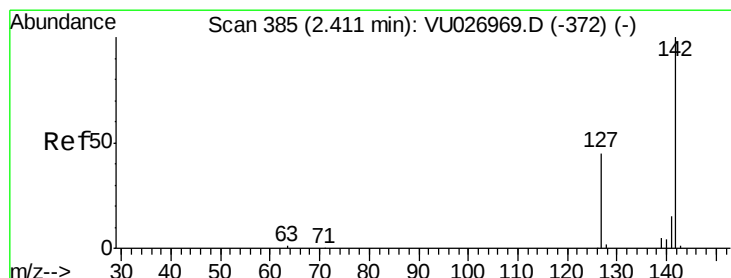
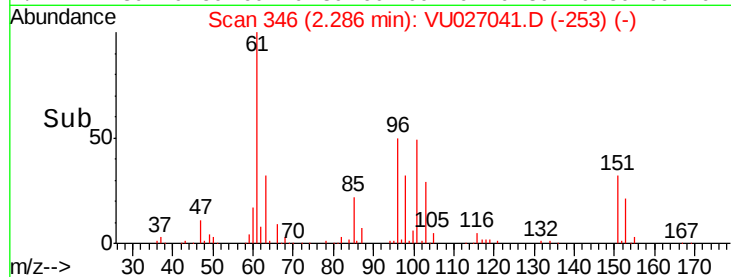
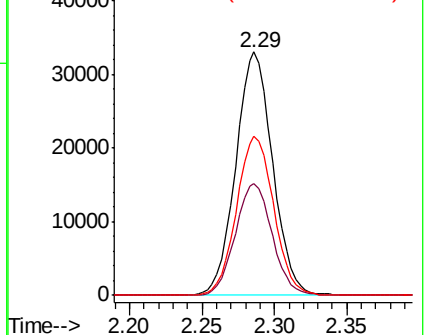
151 66.0 54.5 81.7



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: 42.099 ug/l

RT: 2.41 min Scan# 385

Delta R.T. 0.00 min

Lab File: VU027041.D

Acq: 23 Sep 2018 01:28

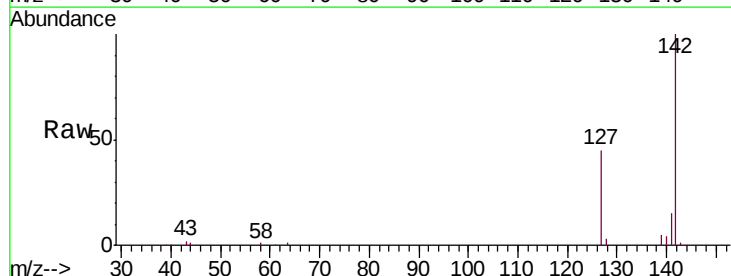
Tgt Ion:142 Resp: 63533

Ion Ratio Lower Upper

142 100

127 46.2 36.7 55.1

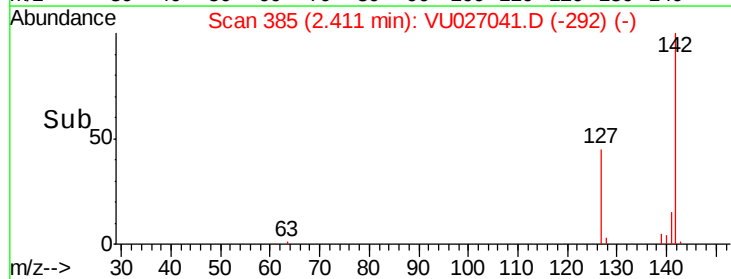
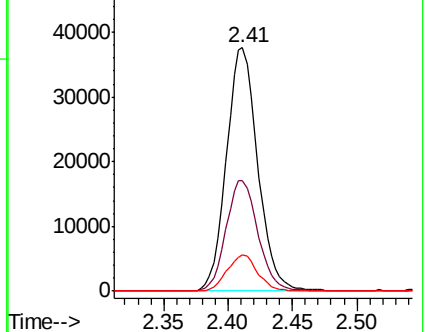
141 14.5 11.8 17.6

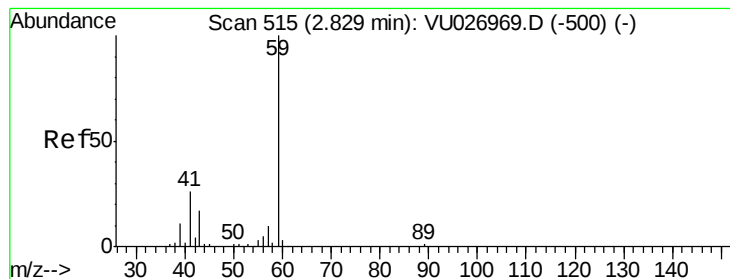


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



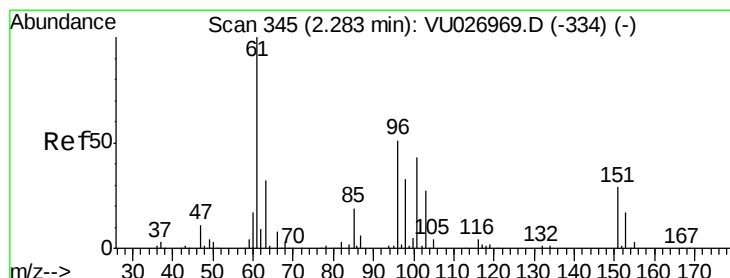
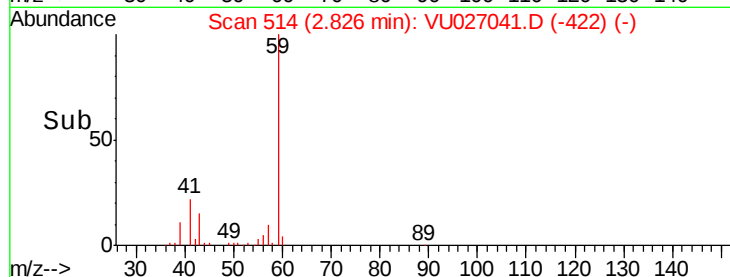
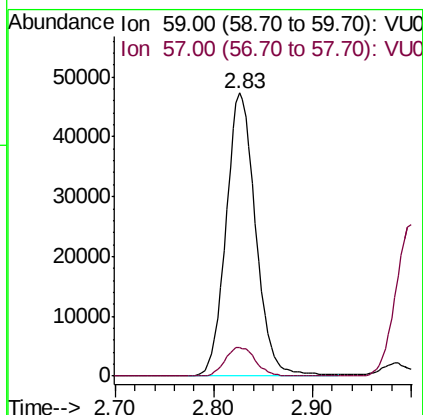
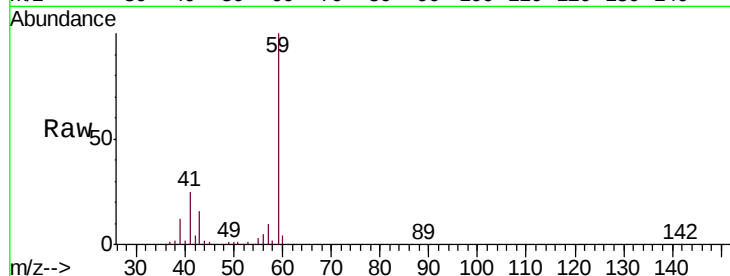


#11

Tert butyl alcohol
 Concen: 259.713 ug/l
 RT: 2.83 min Scan# 514
 Delta R.T. -0.00 min
 Lab File: VU027041.D
 Acq: 23 Sep 2018 01:28

Instrument :
 MSVOA_U
 ClientSampled :
 BFB

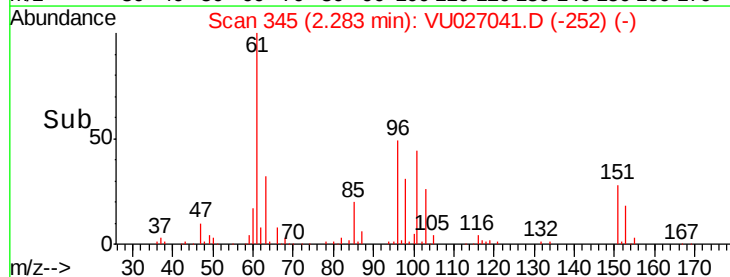
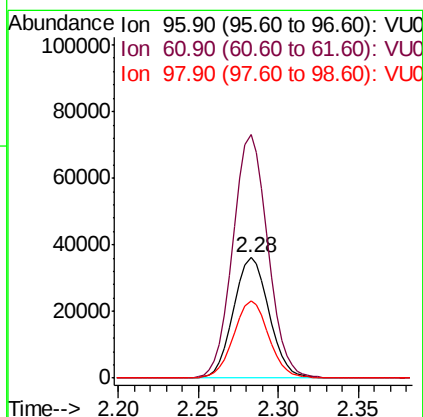
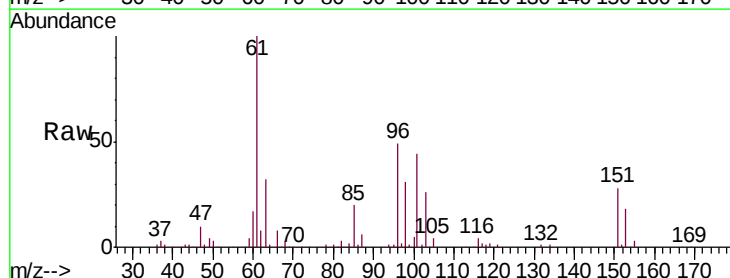
Tgt Ion: 59 Resp: 99349
 Ion Ratio Lower Upper
 59 100
 57 10.4 8.5 12.7

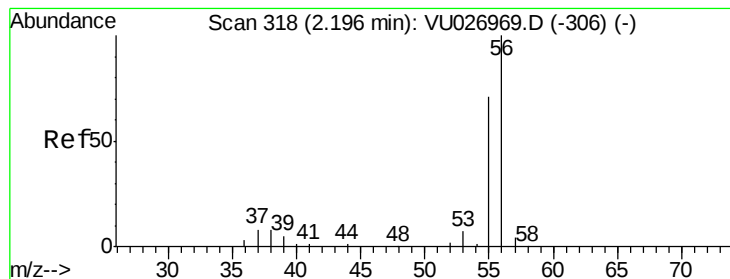


#12

1,1-Dichloroethene
 Concen: 47.788 ug/l
 RT: 2.28 min Scan# 345
 Delta R.T. 0.00 min
 Lab File: VU027041.D
 Acq: 23 Sep 2018 01:28

Tgt Ion: 96 Resp: 54730
 Ion Ratio Lower Upper
 96 100
 61 202.3 156.1 234.1
 98 63.6 51.4 77.0





#13

Acrolein

Concen: 247.252 ug/l

RT: 2.20 min Scan# 318

Delta R.T. 0.00 min

Lab File: VU027041.D

Acq: 23 Sep 2018 01:28

Instrument :

MSVOA_U

ClientSampleId :

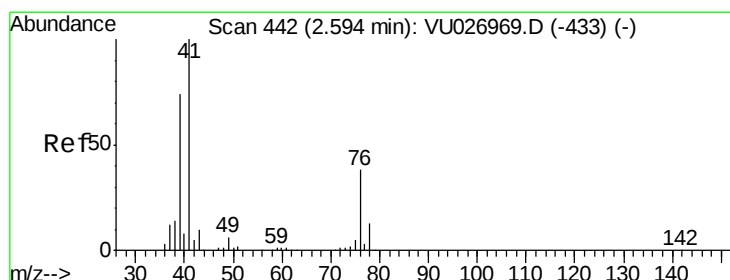
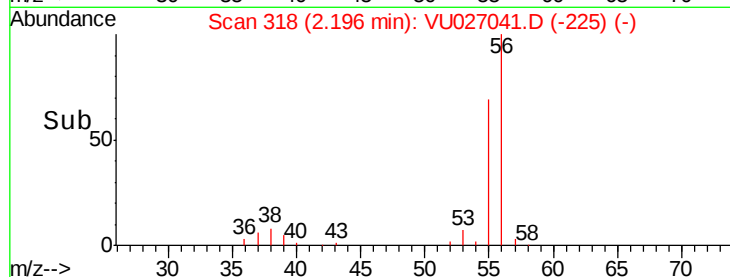
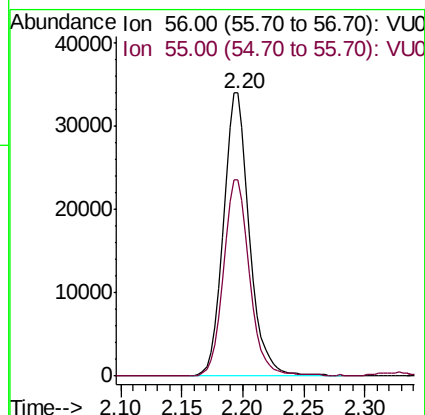
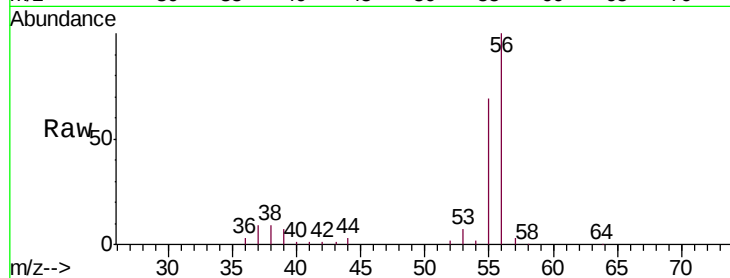
BFB

Tgt Ion: 56 Resp: 50986

Ion Ratio Lower Upper

56 100

55 69.9 57.1 85.7



#14

Allyl chloride

Concen: 53.055 ug/l

RT: 2.59 min Scan# 441

Delta R.T. -0.00 min

Lab File: VU027041.D

Acq: 23 Sep 2018 01:28

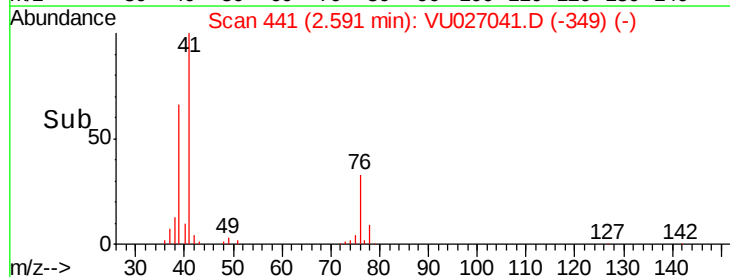
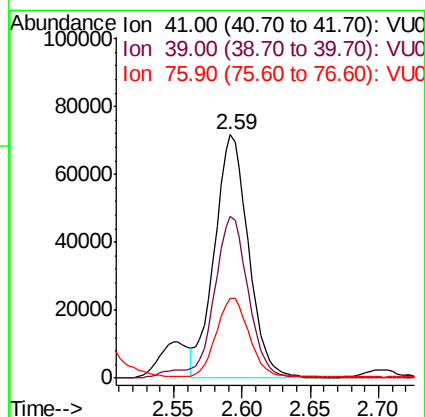
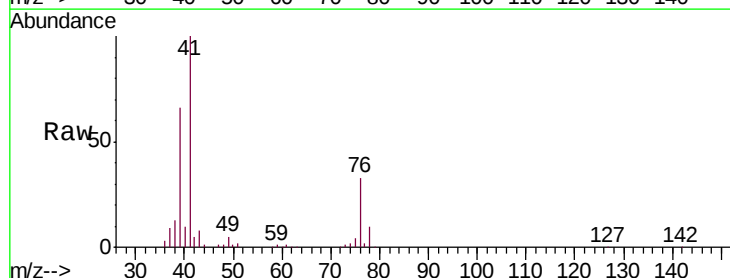
Tgt Ion: 41 Resp: 123242

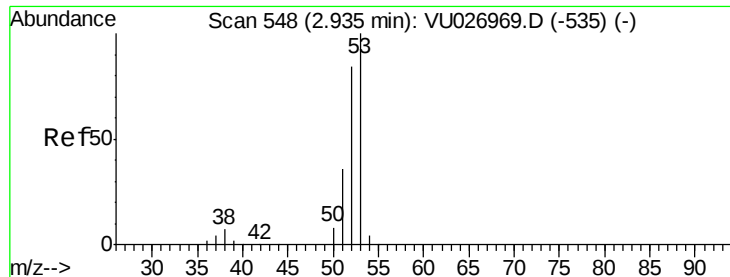
Ion Ratio Lower Upper

41 100

39 68.4 55.7 83.5

76 31.6 26.5 39.7





#15

Acrylonitrile

Concen: 260.681 ug/l

RT: 2.94 min Scan# 548

Delta R.T. 0.00 min

Lab File: VU027041.D

Acq: 23 Sep 2018 01:28

Instrument :

MSVOA_U

ClientSampleId :

BFB

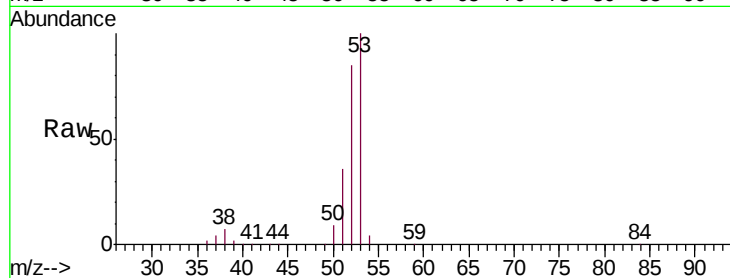
Tgt Ion: 53 Resp: 251331

Ion Ratio Lower Upper

53 100

52 83.9 65.7 98.5

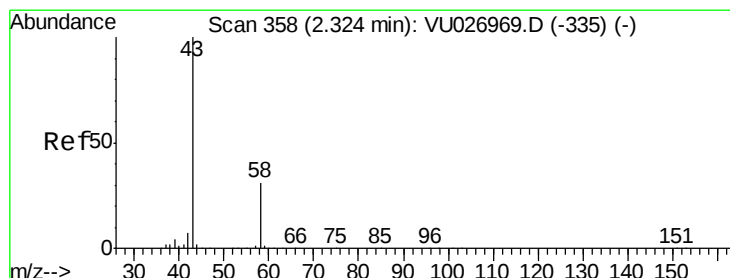
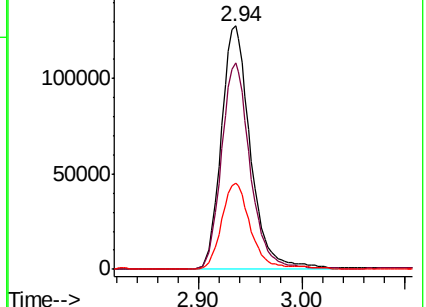
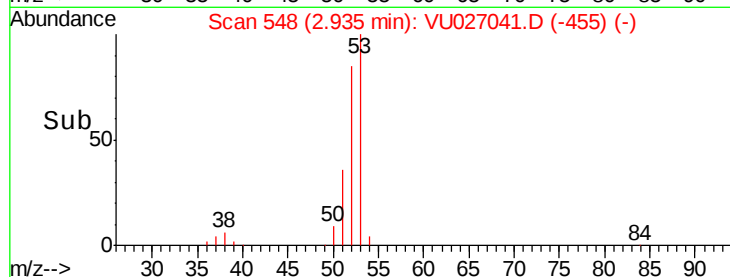
51 35.6 27.4 41.2



Abundance Ion 53.00 (52.70 to 53.70): VU027041.D (-535) (-)

Ion 52.00 (51.70 to 52.70): VU027041.D (-535) (-)

Ion 51.00 (50.70 to 51.70): VU027041.D (-535) (-)



#16

Acetone

Concen: 253.023 ug/l

RT: 2.32 min Scan# 357

Delta R.T. -0.00 min

Lab File: VU027041.D

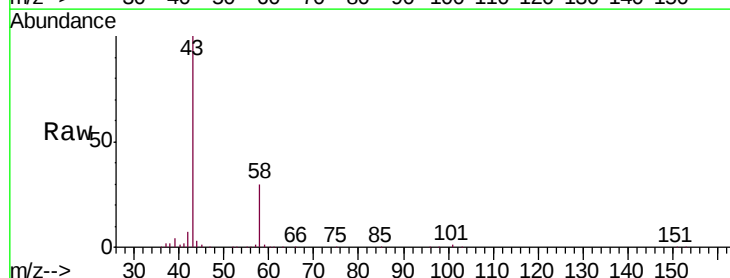
Acq: 23 Sep 2018 01:28

Tgt Ion: 43 Resp: 224134

Ion Ratio Lower Upper

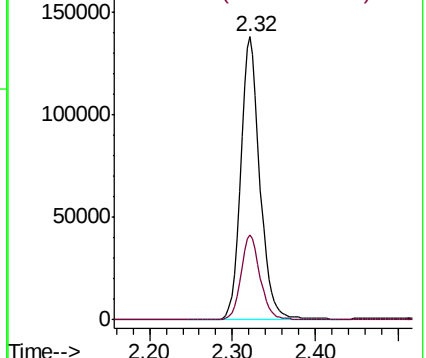
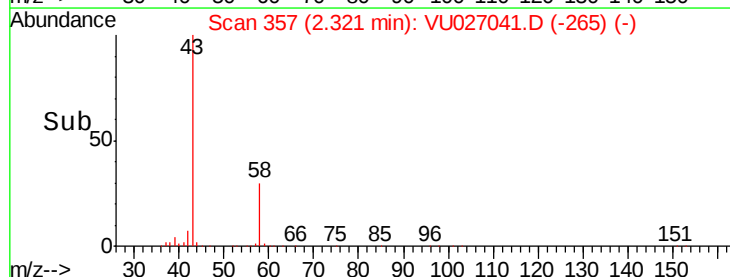
43 100

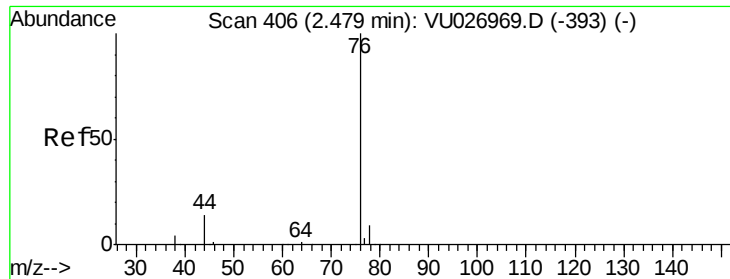
58 30.0 24.6 36.8



Abundance Ion 43.00 (42.70 to 43.70): VU027041.D (-265) (-)

Ion 58.00 (57.70 to 58.70): VU027041.D (-265) (-)

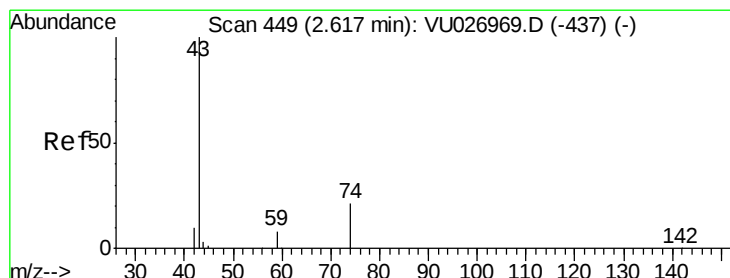
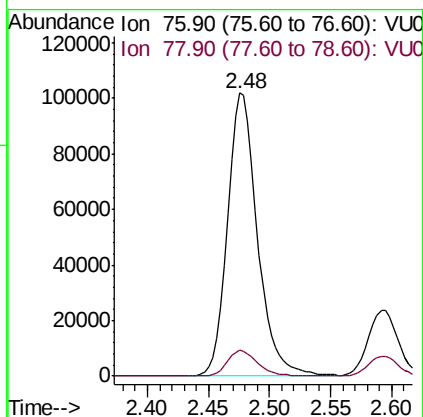
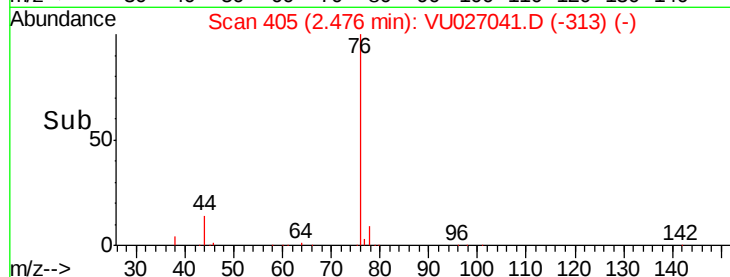
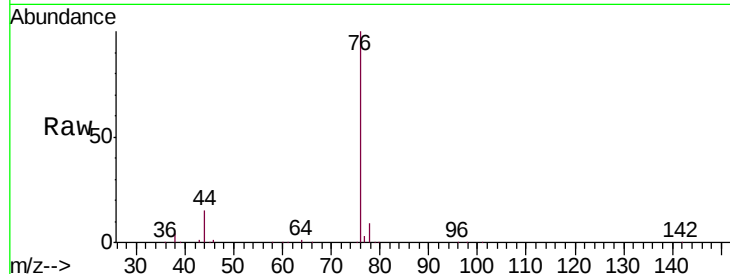




#17
Carbon Disulfide
Concen: 46.982 ug/l
RT: 2.48 min Scan# 405
Delta R.T. -0.00 min
Lab File: VU027041.D
Acq: 23 Sep 2018 01:28

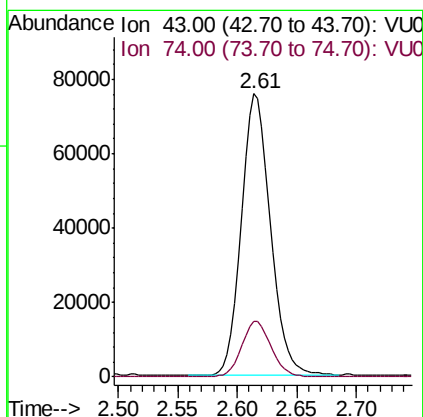
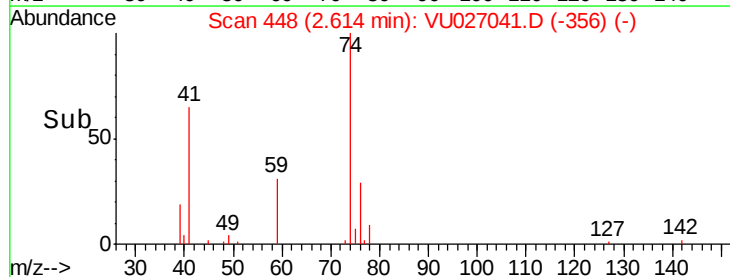
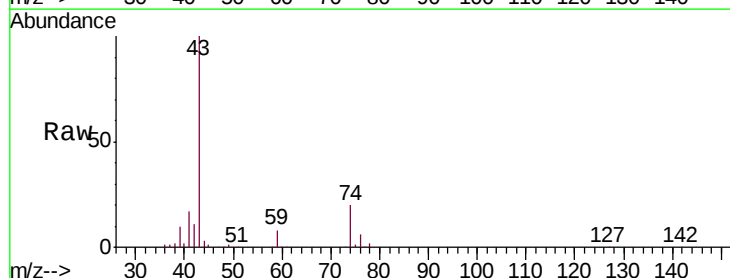
Instrument :
MSVOA_U
ClientSampled :
BFB

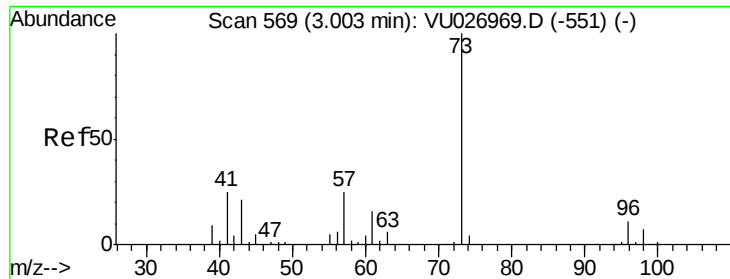
Tgt Ion: 76 Resp: 175288
Ion Ratio Lower Upper
76 100
78 9.0 7.1 10.7



#18
Methyl Acetate
Concen: 53.862 ug/l
RT: 2.61 min Scan# 448
Delta R.T. -0.00 min
Lab File: VU027041.D
Acq: 23 Sep 2018 01:28

Tgt Ion: 43 Resp: 127947
Ion Ratio Lower Upper
43 100
74 20.3 16.6 25.0

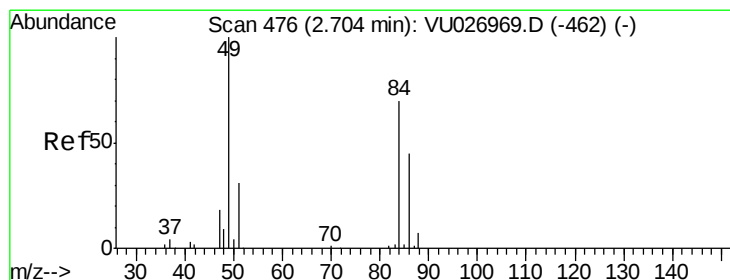
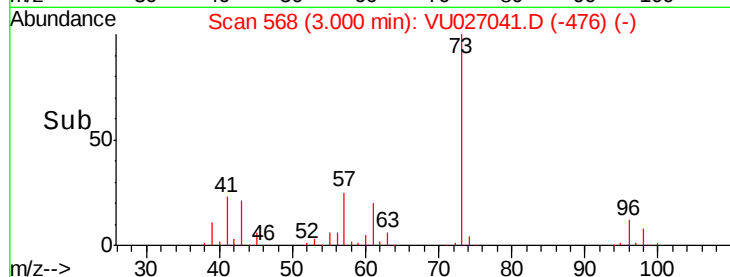
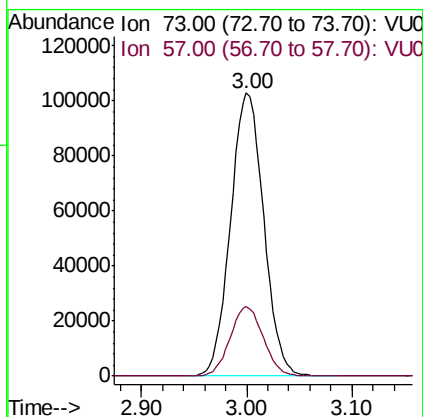
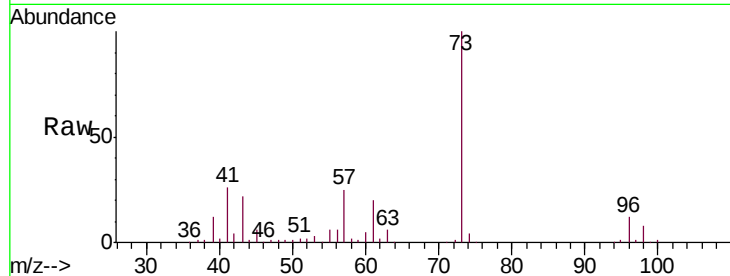




#19
Methyl tert-butyl Ether
Concen: 53.305 ug/l
RT: 3.00 min Scan# 568
Delta R.T. -0.00 min
Lab File: VU027041.D
Acq: 23 Sep 2018 01:28

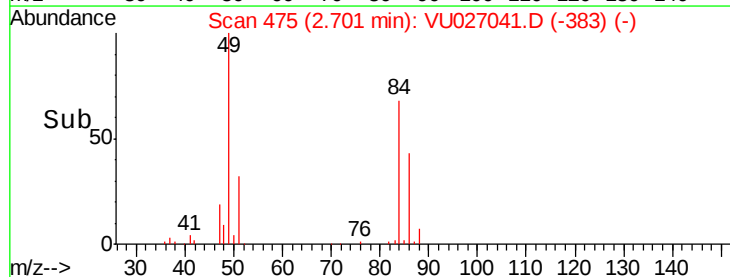
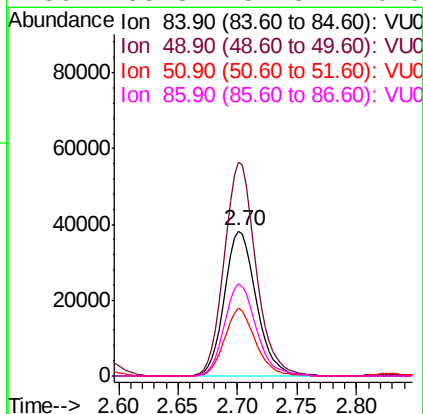
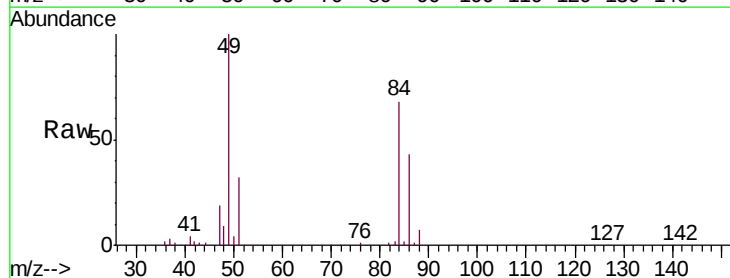
Instrument :
MSVOA_U
ClientSampleId :
BFB

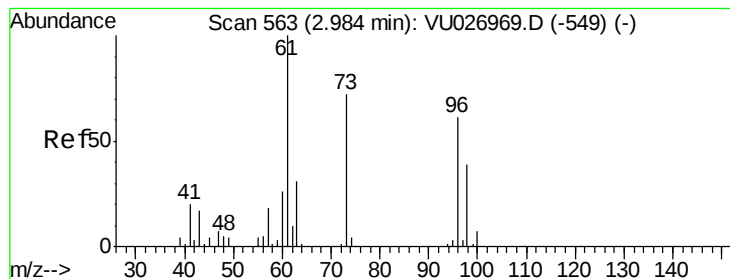
Tgt Ion: 73 Resp: 224340
Ion Ratio Lower Upper
73 100
57 24.7 19.8 29.6



#20
Methylene Chloride
Concen: 47.455 ug/l
RT: 2.70 min Scan# 475
Delta R.T. -0.00 min
Lab File: VU027041.D
Acq: 23 Sep 2018 01:28

Tgt Ion: 84 Resp: 70930
Ion Ratio Lower Upper
84 100
49 147.5 114.9 172.3
51 46.6 35.8 53.8
86 63.3 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 50.230 ug/l

RT: 2.98 min Scan# 563

Delta R.T. 0.00 min

Lab File: VU027041.D

Acq: 23 Sep 2018 01:28

Instrument :

MSVOA_U

ClientSampleId :

BFB

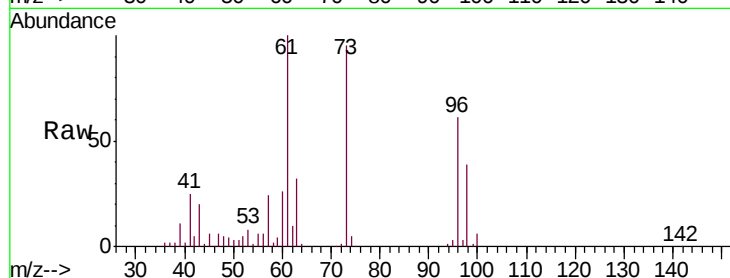
Tgt Ion: 96 Resp: 61420

Ion Ratio Lower Upper

96 100

61 163.4 131.8 197.6

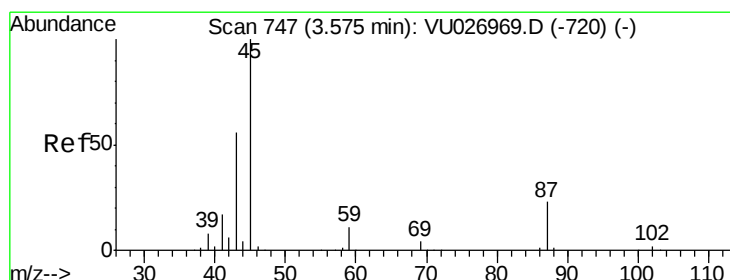
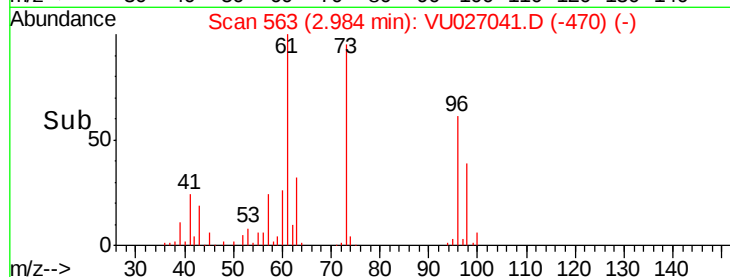
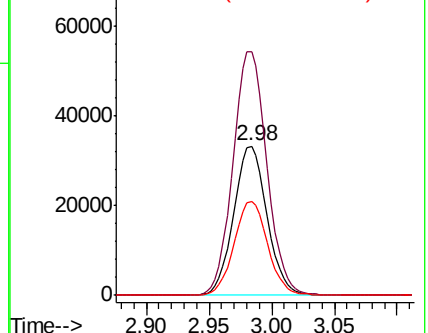
98 63.4 50.9 76.3



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

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

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



#22

Diisopropyl ether

Concen: 55.625 ug/l

RT: 3.57 min Scan# 746

Delta R.T. -0.00 min

Lab File: VU027041.D

Acq: 23 Sep 2018 01:28

Tgt Ion: 45 Resp: 276369

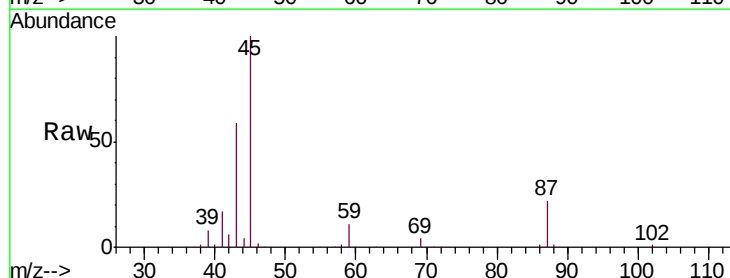
Ion Ratio Lower Upper

45 100

43 57.0 45.8 68.6

87 22.1 18.6 28.0

59 11.4 9.0 13.4

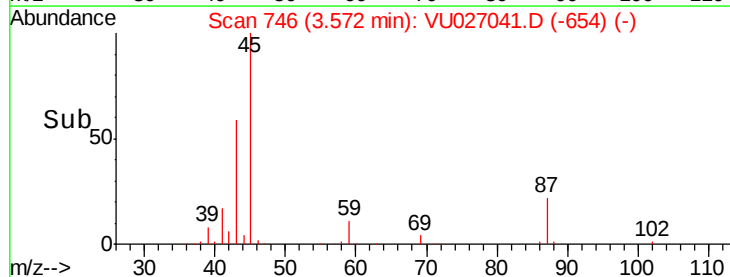
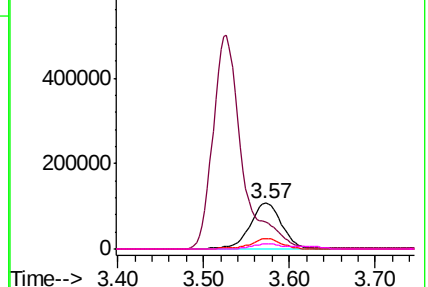


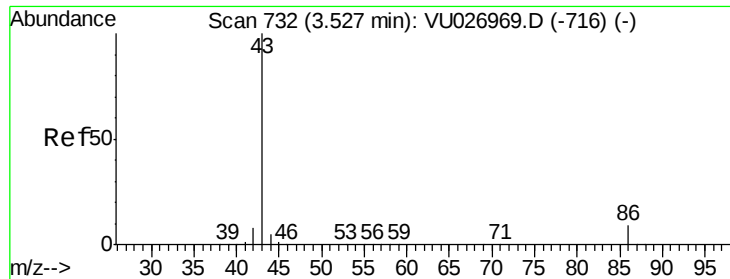
Abundance Ion 45.00 (44.70 to 45.70): VU026969.D (-720) (-)

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

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

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





#23

Vinyl Acetate

Concen: 279.446 ug/l

RT: 3.53 min Scan# 732

Delta R.T. 0.00 min

Lab File: VU027041.D

Acq: 23 Sep 2018 01:28

Instrument :

MSVOA_U

ClientSampled :

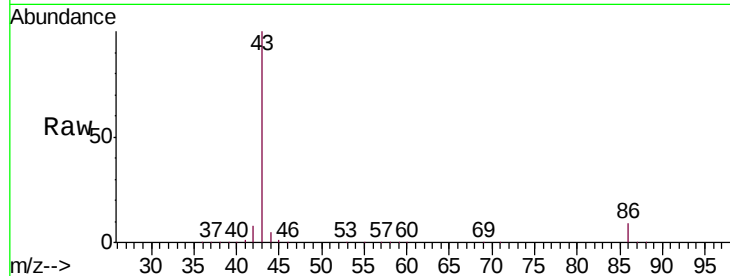
BFB

Tgt Ion: 43 Resp: 1183517

Ion Ratio Lower Upper

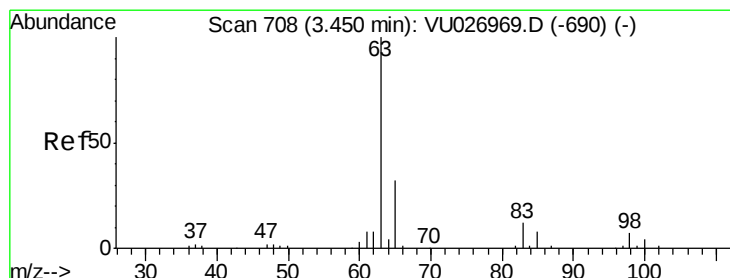
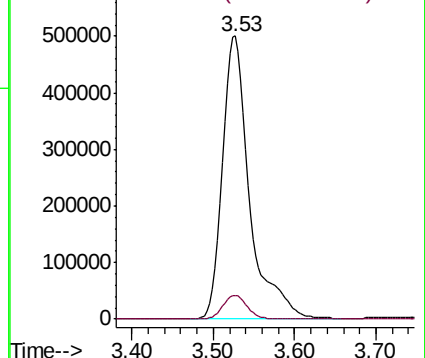
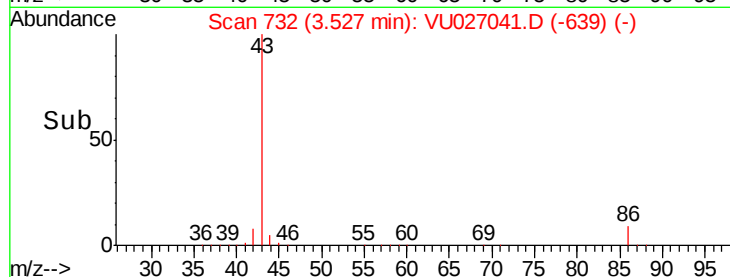
43 100

86 8.5 7.2 10.8



Abundance Ion 43.00 (42.70 to 43.70): VU027041.D (-639) (-)

Ion 86.00 (85.70 to 86.70): VU027041.D (-639) (-)



#24

1,1-Dichloroethane

Concen: 51.843 ug/l

RT: 3.45 min Scan# 707

Delta R.T. -0.00 min

Lab File: VU027041.D

Acq: 23 Sep 2018 01:28

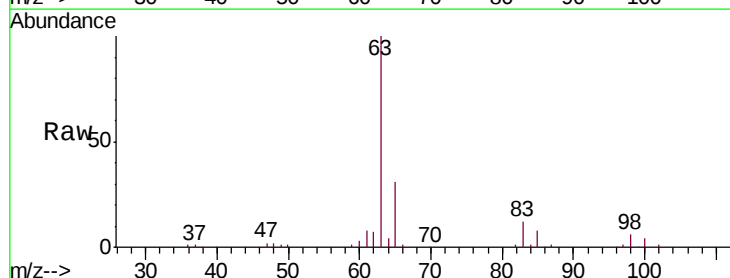
Tgt Ion: 63 Resp: 141866

Ion Ratio Lower Upper

63 100

98 6.0 3.3 9.8

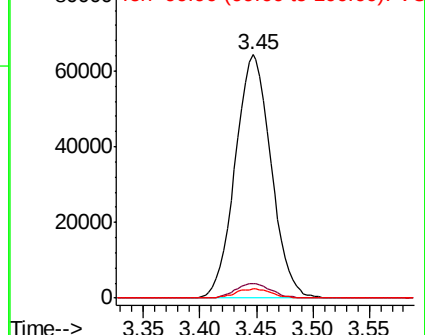
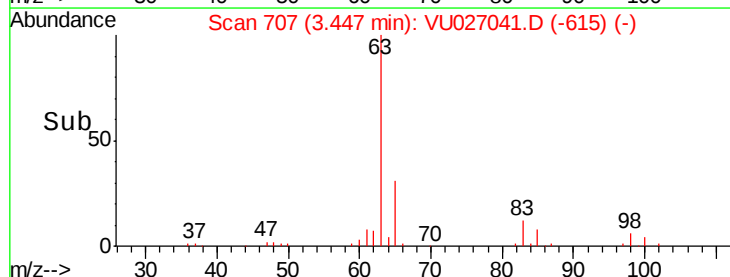
100 3.7 2.0 5.8



Abundance Ion 62.90 (62.60 to 63.60): VU027041.D (-615) (-)

Ion 97.90 (97.60 to 98.60): VU027041.D (-615) (-)

Ion 99.90 (99.60 to 100.60): VU027041.D (-615) (-)





#25

2-Butanone

Concen: 258.724 ug/l

RT: 4.26 min Scan# 960

Delta R.T. -0.00 min

Lab File: VU027041.D

Acq: 23 Sep 2018 01:28

Instrument :

MSVOA_U

ClientSampleId :

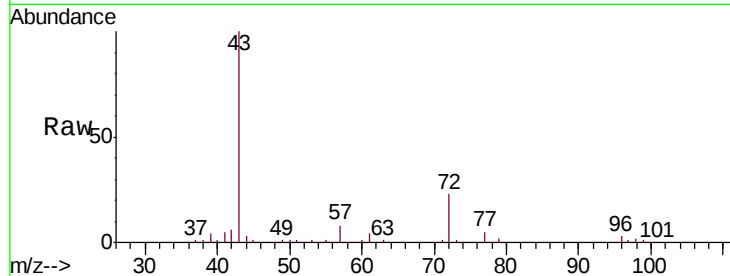
BFB

Tgt Ion: 43 Resp: 362876

Ion Ratio Lower Upper

43 100

72 22.7 18.4 27.6



Abundance Ion 43.00 (42.70 to 43.70): VU027041.D (-868) (-)

Ion 72.00 (71.70 to 72.70): VU027041.D (-868) (-)

4.26

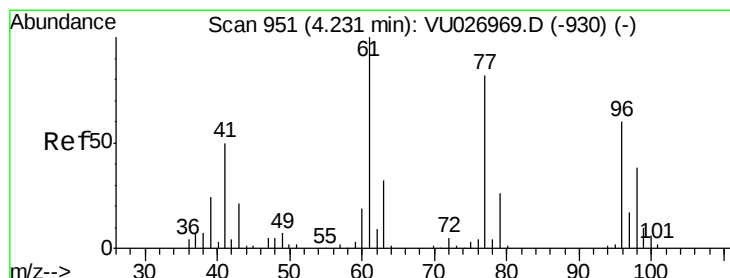
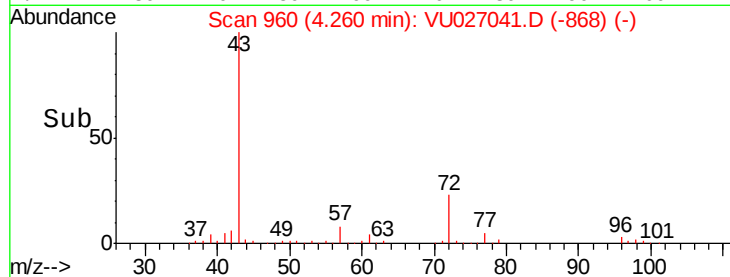
150000

100000

50000

0

Time-->



#26

2,2-Dichloropropane

Concen: 41.616 ug/l

RT: 4.23 min Scan# 951

Delta R.T. 0.00 min

Lab File: VU027041.D

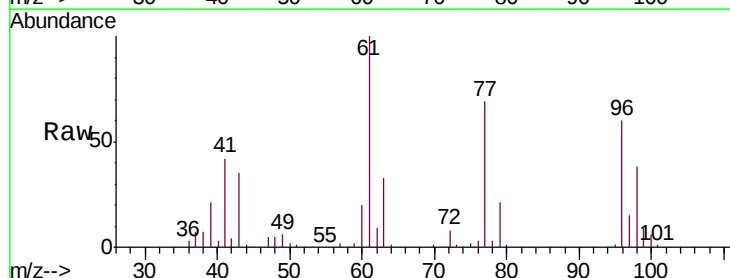
Acq: 23 Sep 2018 01:28

Tgt Ion: 77 Resp: 88813

Ion Ratio Lower Upper

77 100

97 20.9 10.5 31.5



Abundance Ion 76.90 (76.60 to 77.60): VU027041.D (-858) (-)

Ion 96.90 (96.60 to 97.60): VU027041.D (-858) (-)

4.23

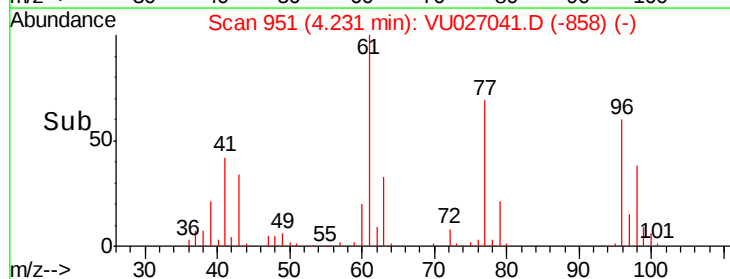
30000

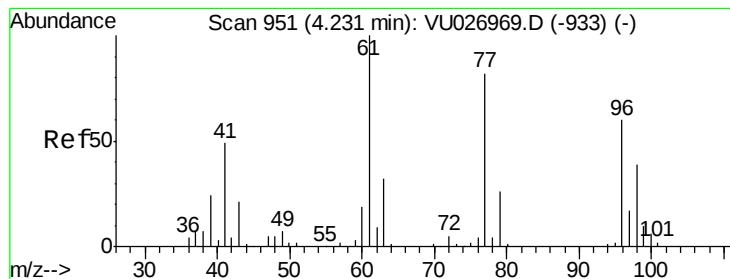
20000

10000

0

Time-->



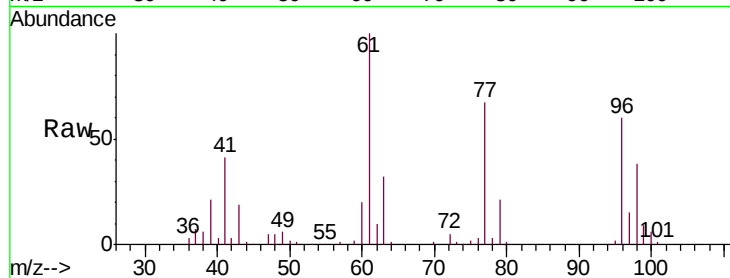


#27

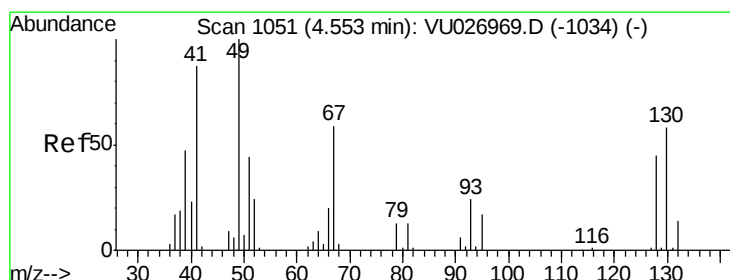
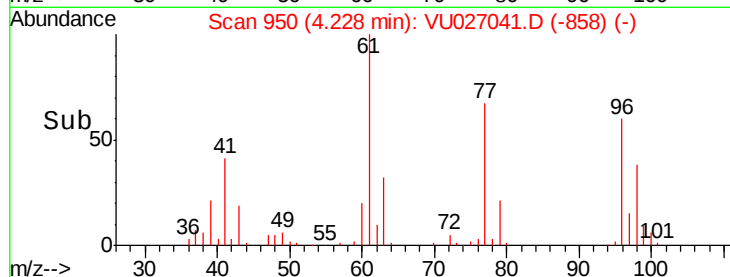
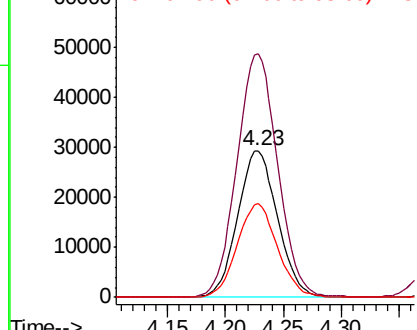
cis-1,2-Dichloroethene
Concen: 50.834 ug/l
RT: 4.23 min Scan# 950
Delta R.T. -0.00 min
Lab File: VU027041.D
Acq: 23 Sep 2018 01:28

Instrument :
MSVOA_U
ClientSampled :
BFB

Tgt Ion: 96 Resp: 70197
Ion Ratio Lower Upper
96 100
61 170.3 0.0 337.2
98 64.5 0.0 127.6



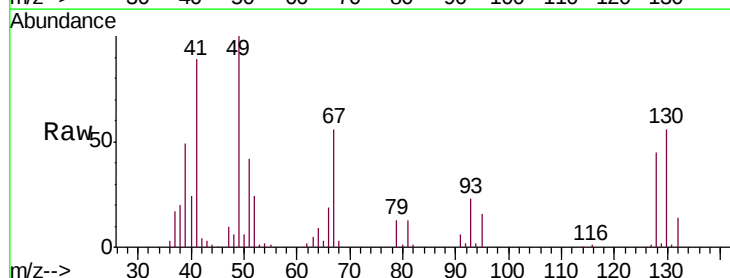
Abundance Ion 95.90 (95.60 to 96.60): VU0
Ion 60.90 (60.60 to 61.60): VU0
Ion 97.90 (97.60 to 98.60): VU0



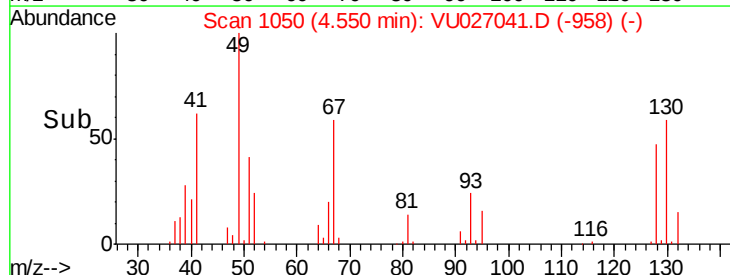
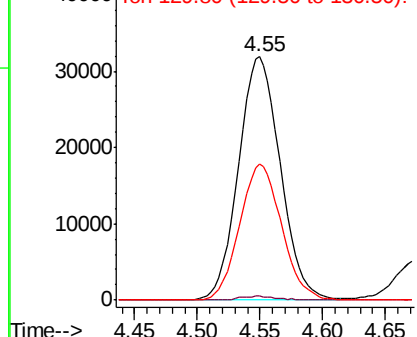
#28

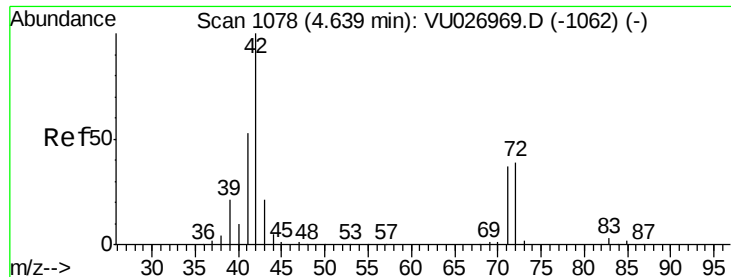
Bromochloromethane
Concen: 56.138 ug/l
RT: 4.55 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VU027041.D
Acq: 23 Sep 2018 01:28

Tgt Ion: 49 Resp: 74051
Ion Ratio Lower Upper
49 100
129 1.3 0.0 3.0
130 55.8 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: 278.952 ug/l

RT: 4.64 min Scan# 1077

Delta R.T. -0.00 min

Lab File: VU027041.D

Acq: 23 Sep 2018 01:28

Instrument :

MSVOA_U

ClientSampleId :

BFB

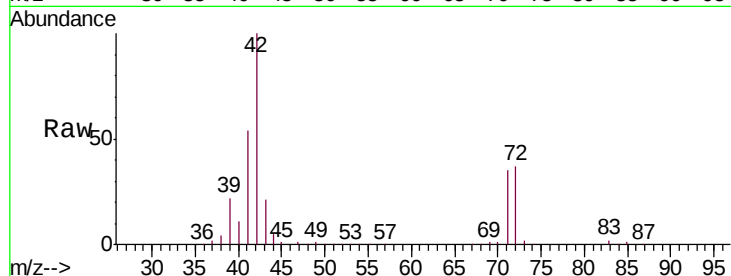
Tgt Ion: 42 Resp: 236678

Ion Ratio Lower Upper

42 100

72 38.0 31.7 47.5

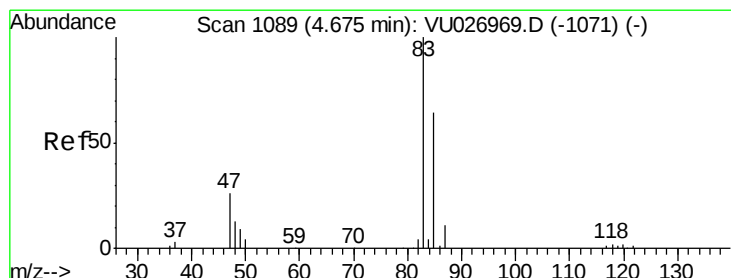
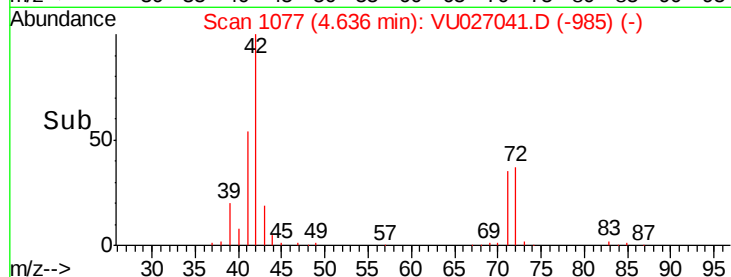
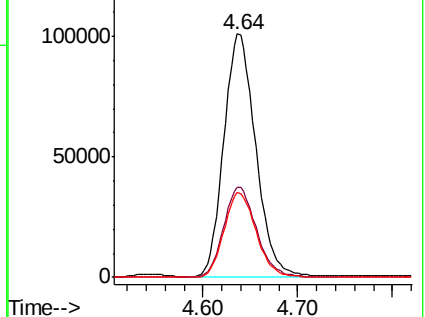
71 35.0 29.6 44.4



Abundance Ion 42.00 (41.70 to 42.70): VU0

Ion 72.00 (71.70 to 72.70): VU0

Ion 71.00 (70.70 to 71.70): VU0



#30

Chloroform

Concen: 49.870 ug/l

RT: 4.67 min Scan# 1089

Delta R.T. 0.00 min

Lab File: VU027041.D

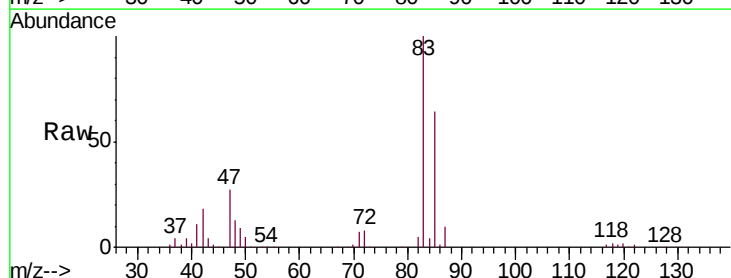
Acq: 23 Sep 2018 01:28

Tgt Ion: 83 Resp: 126673

Ion Ratio Lower Upper

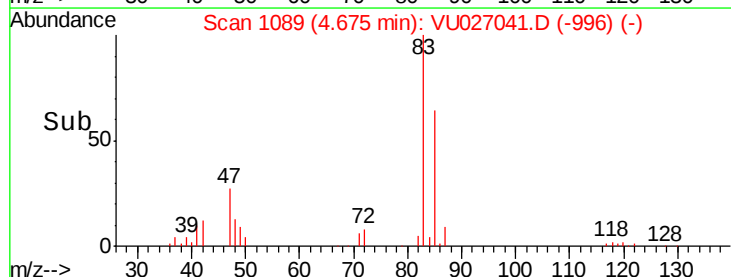
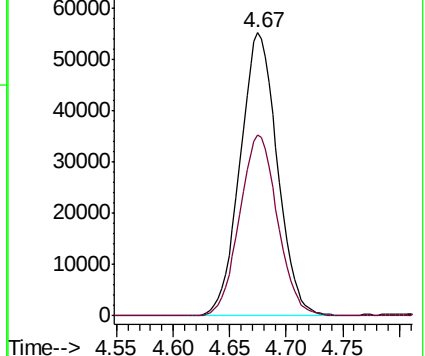
83 100

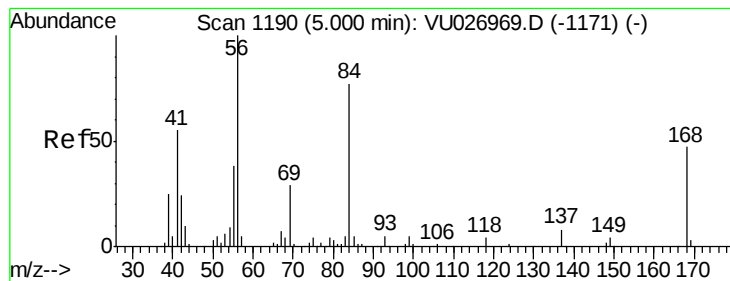
85 63.8 51.5 77.3



Abundance Ion 82.90 (82.60 to 83.60): VU0

Ion 84.90 (84.60 to 85.60): VU0





#31

Cyclohexane

Concen: 51.807 ug/l

RT: 5.00 min Scan# 1189

Delta R.T. -0.00 min

Lab File: VU027041.D

Acq: 23 Sep 2018 01:28

Instrument :

MSVOA_U

ClientSampleId :

BFB

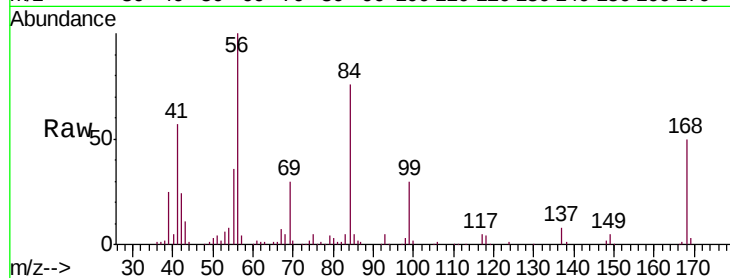
Tgt Ion: 56 Resp: 128817

Ion Ratio Lower Upper

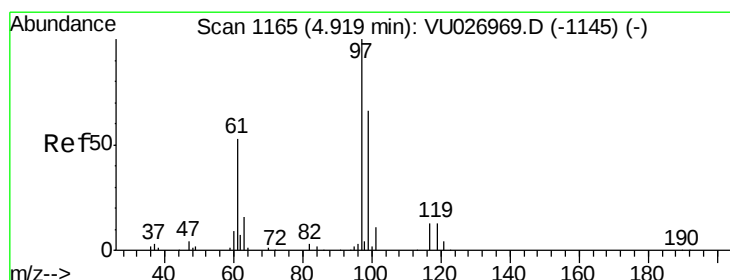
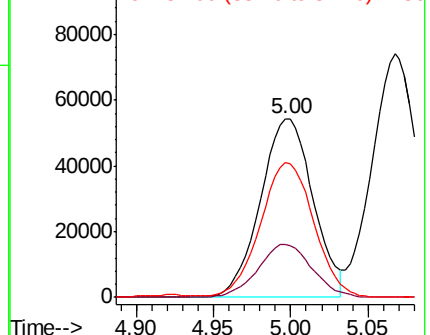
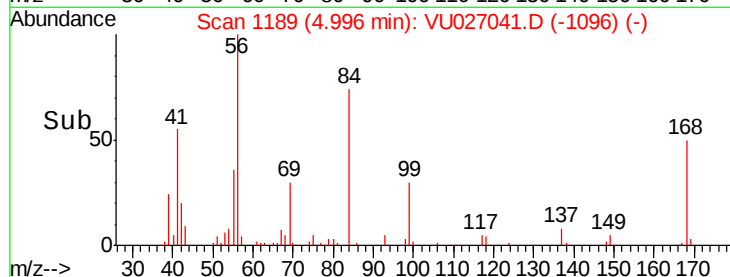
56 100

69 29.8 23.0 34.4

84 74.6 61.4 92.2



Abundance Ion 56.00 (55.70 to 56.70): VU027041.D (-1096) (-)



#32

1,1,1-Trichloroethane

Concen: 51.370 ug/l

RT: 4.92 min Scan# 1164

Delta R.T. -0.00 min

Lab File: VU027041.D

Acq: 23 Sep 2018 01:28

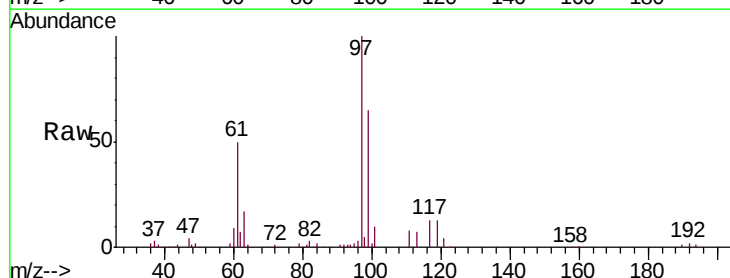
Tgt Ion: 97 Resp: 104180

Ion Ratio Lower Upper

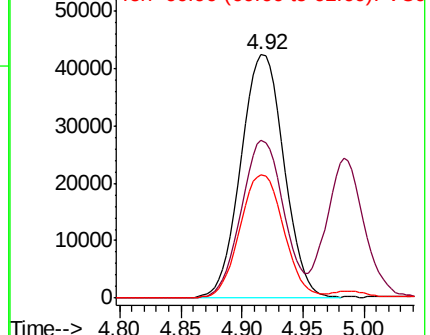
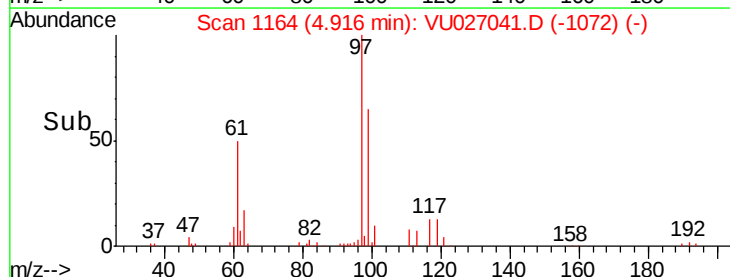
97 100

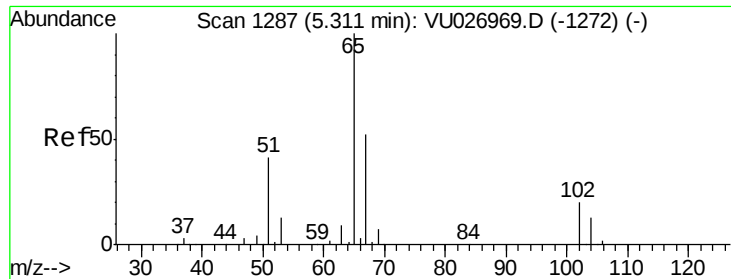
99 64.4 51.8 77.6

61 51.4 41.1 61.7



Abundance Ion 96.90 (96.60 to 97.60): VU027041.D (-1072) (-)

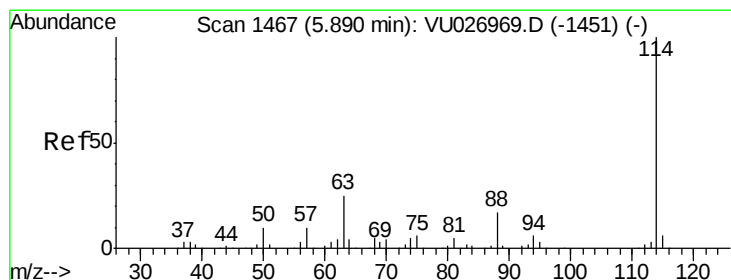
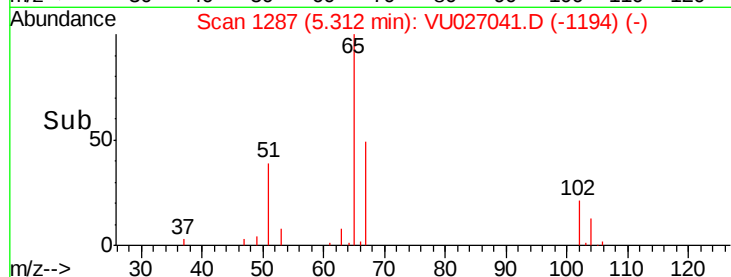
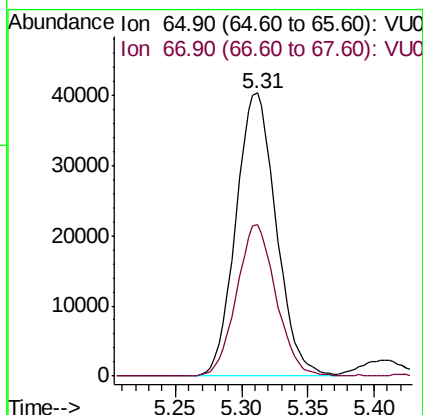
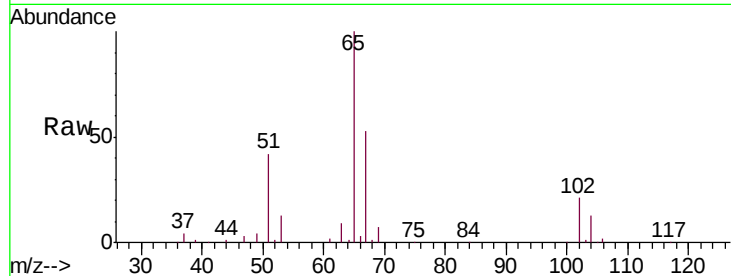




#33
 1,2-Dichloroethane-d4
 Concen: 51.006 ug/l
 RT: 5.31 min Scan# 1287
 Delta R.T. 0.00 min
 Lab File: VU027041.D
 Acq: 23 Sep 2018 01:28

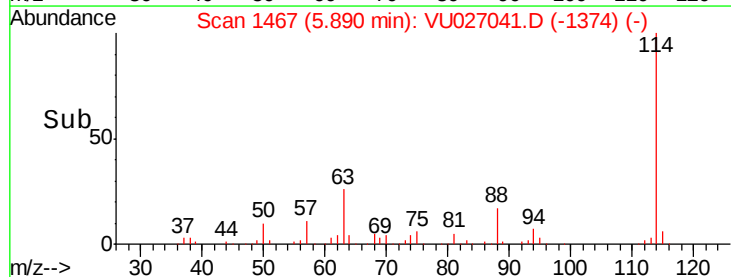
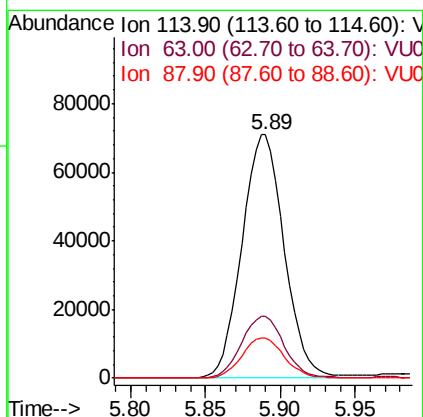
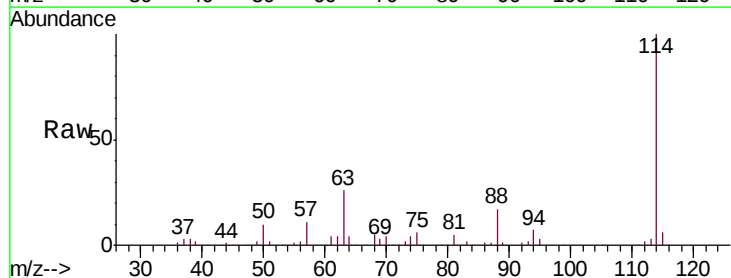
Instrument :
 MSVOA_U
 ClientSampleId :
 BFB

Tgt Ion: 65 Resp: 85126
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: VU027041.D
 Acq: 23 Sep 2018 01:28

Tgt Ion: 114 Resp: 139324
 Ion Ratio Lower Upper
 114 100
 63 25.6 0.0 49.2
 88 16.6 0.0 33.8

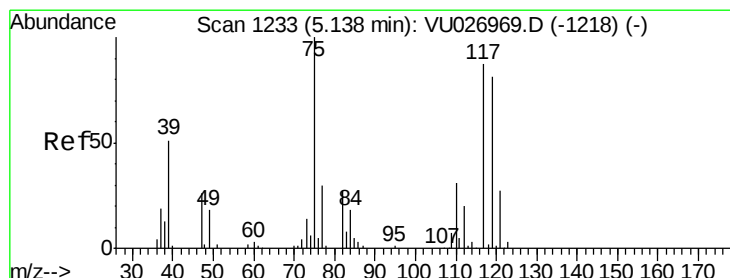
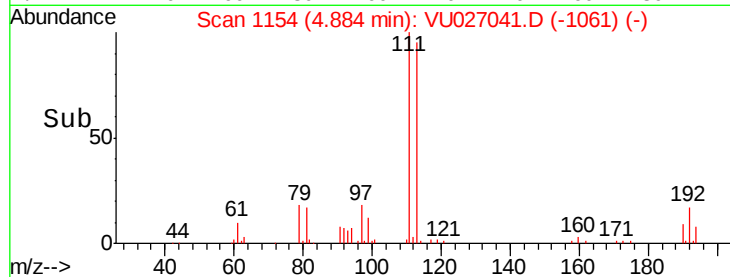
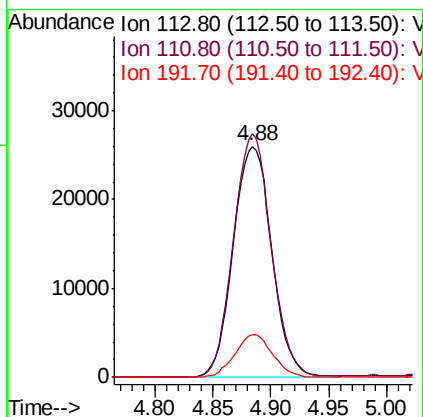
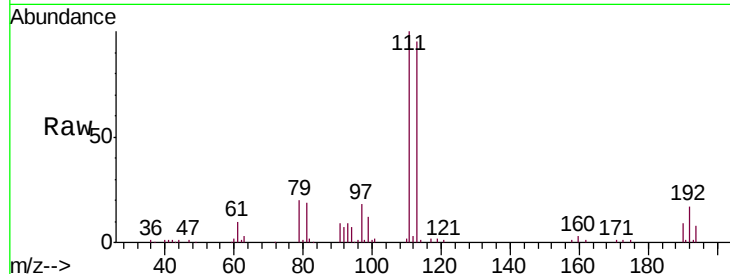




#35
 Dibromofluoromethane
 Concen: 49.900 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: VU027041.D
 Acq: 23 Sep 2018 01:28

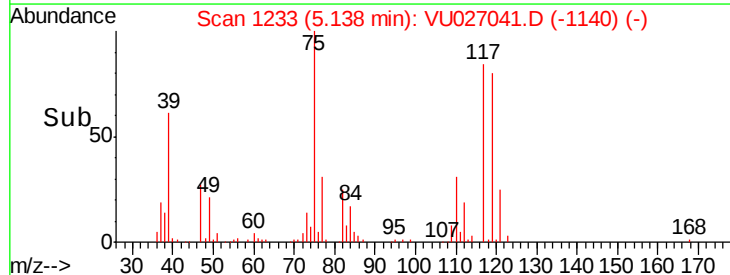
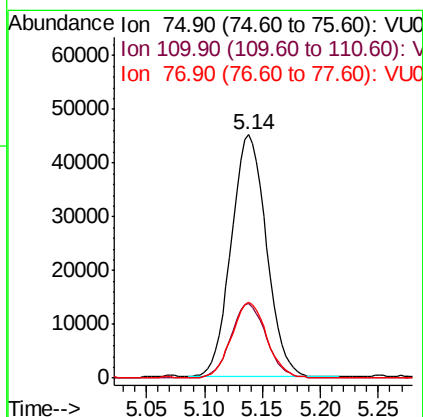
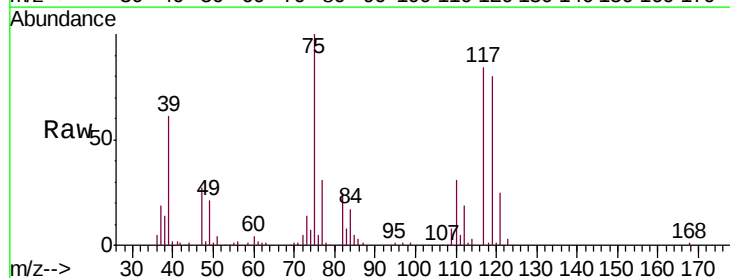
Instrument :
 MSVOA_U
 ClientSampleId :
 BFB

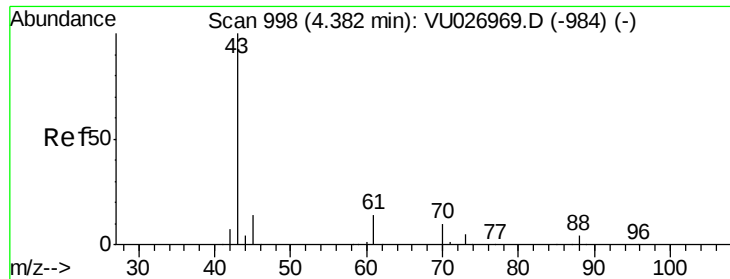
Tgt Ion: 113 Resp: 60262
 Ion Ratio Lower Upper
 113 100
 111 102.6 82.2 123.4
 192 17.9 15.2 22.8



#36
 1,1-Dichloropropene
 Concen: 51.108 ug/l
 RT: 5.14 min Scan# 1233
 Delta R.T. 0.00 min
 Lab File: VU027041.D
 Acq: 23 Sep 2018 01:28

Tgt Ion: 75 Resp: 95032
 Ion Ratio Lower Upper
 75 100
 110 30.9 16.1 48.2
 77 31.5 24.6 36.8

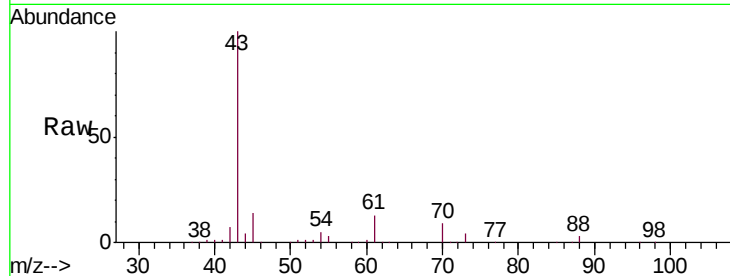




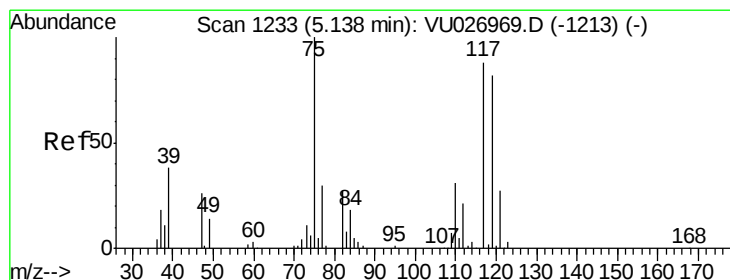
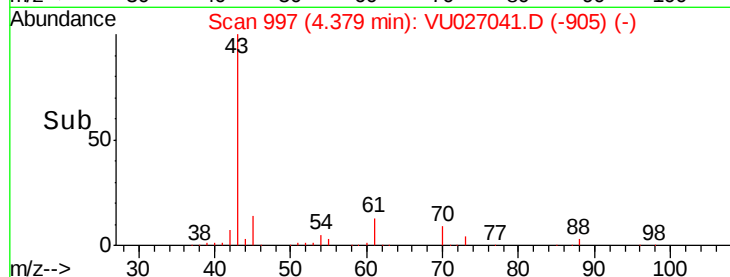
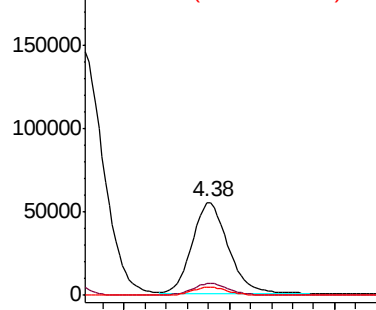
#37
Ethyl Acetate
Concen: 52.232 ug/l
RT: 4.38 min Scan# 997
Delta R.T. -0.00 min
Lab File: VU027041.D
Acq: 23 Sep 2018 01:28

Instrument :
MSVOA_U
ClientSampleId :
BFB

Tgt Ion: 43 Resp: 131478
Ion Ratio Lower Upper
43 100
61 13.4 10.5 15.7
70 8.9 7.4 11.0

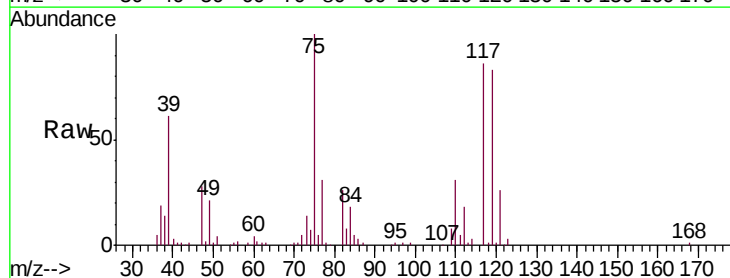


Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 60.90 (60.60 to 61.60): VU0
Ion 70.00 (69.70 to 70.70): VU0

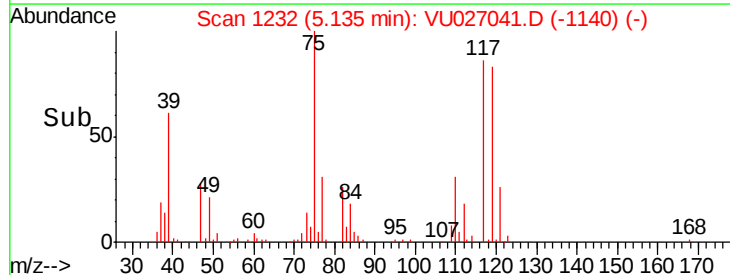
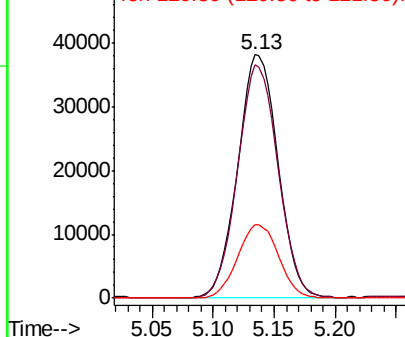


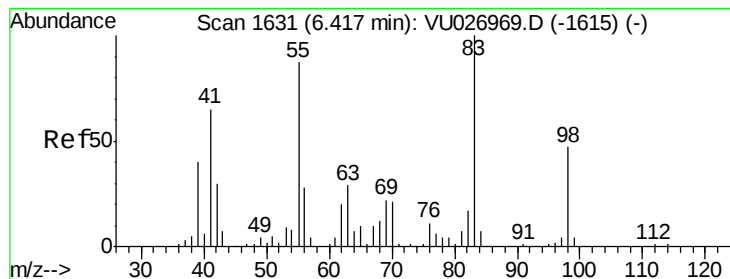
#38
Carbon Tetrachloride
Concen: 49.342 ug/l
RT: 5.13 min Scan# 1232
Delta R.T. -0.00 min
Lab File: VU027041.D
Acq: 23 Sep 2018 01:28

Tgt Ion: 117 Resp: 87310
Ion Ratio Lower Upper
117 100
119 96.0 74.4 111.6
121 30.0 24.2 36.4



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V





#39

Methylcyclohexane

Concen: 53.772 ug/l

RT: 6.42 min Scan# 1631

Delta R.T. 0.00 min

Lab File: VU027041.D

Acq: 23 Sep 2018 01:28

Instrument :

MSVOA_U

ClientSampleId :

BFB

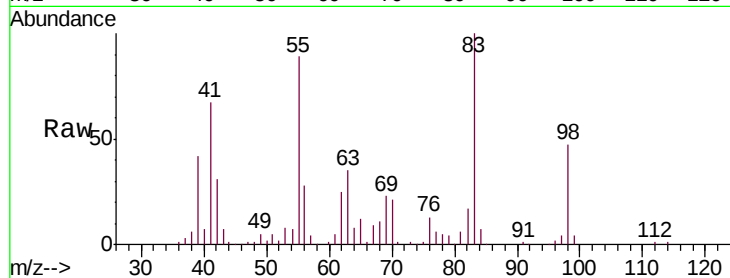
Tgt Ion: 83 Resp: 108657

Ion Ratio Lower Upper

83 100

55 88.8 69.9 104.9

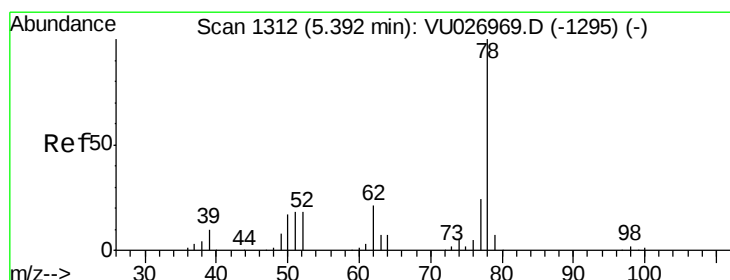
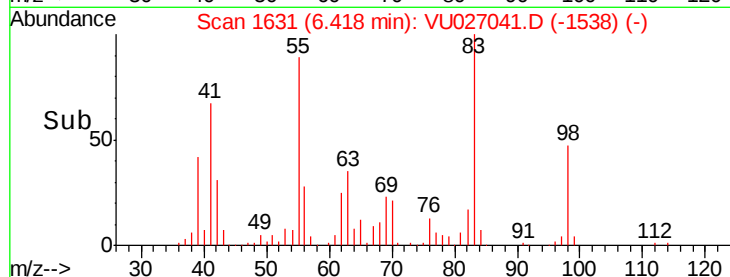
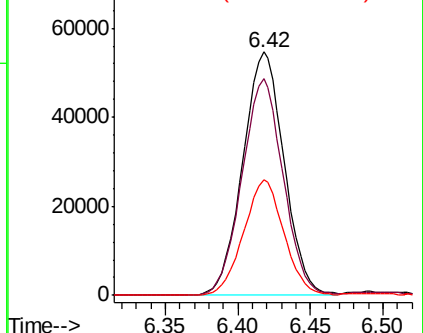
98 47.3 37.5 56.3



Abundance Ion 83.00 (82.70 to 83.70): VU026969.D (-1615) (-)

Ion 55.00 (54.70 to 55.70): VU026969.D (-1615) (-)

Ion 98.00 (97.70 to 98.70): VU026969.D (-1615) (-)



#40

Benzene

Concen: 50.548 ug/l

RT: 5.39 min Scan# 1312

Delta R.T. 0.00 min

Lab File: VU027041.D

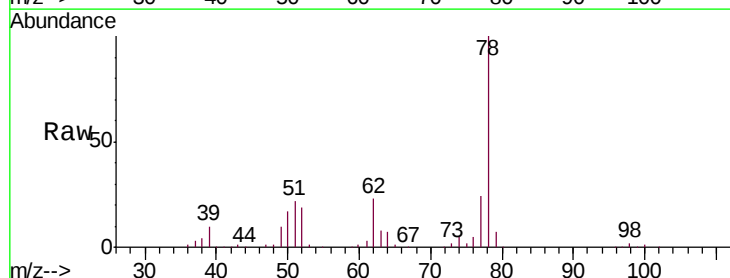
Acq: 23 Sep 2018 01:28

Tgt Ion: 78 Resp: 285730

Ion Ratio Lower Upper

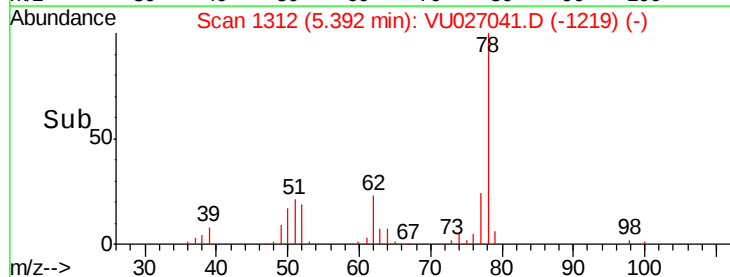
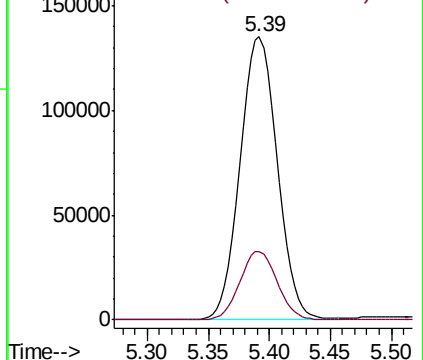
78 100

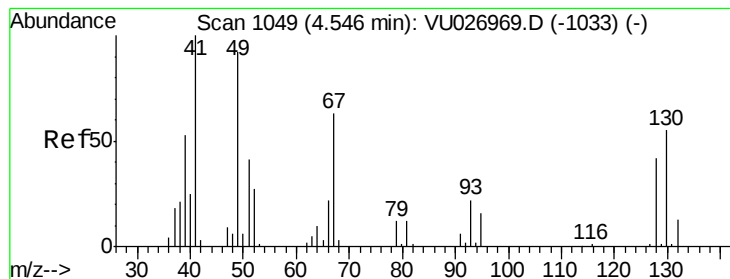
77 24.2 19.4 29.0



Abundance Ion 78.00 (77.70 to 78.70): VU026969.D (-1295) (-)

Ion 77.00 (76.70 to 77.70): VU026969.D (-1295) (-)





#41

Methacrylonitrile

Concen: 56.768 ug/l

RT: 4.54 min Scan# 1048

Delta R.T. -0.00 min

Lab File: VU027041.D

Acq: 23 Sep 2018 01:28

Instrument :
MSVOA_U
ClientSampled :
BFB

Tgt Ion: 41 Resp: 74212

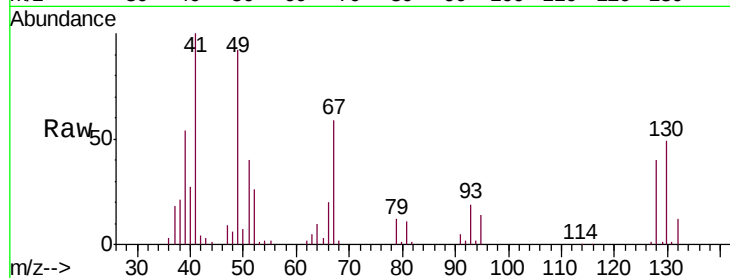
Ion Ratio Lower Upper

41 100

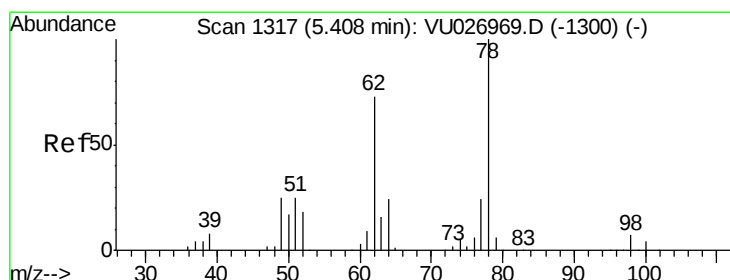
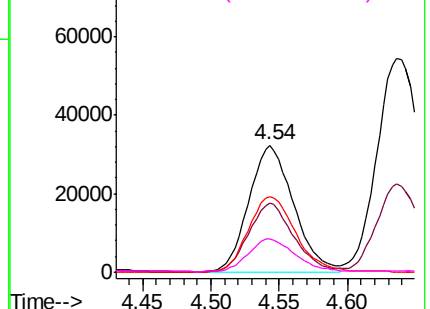
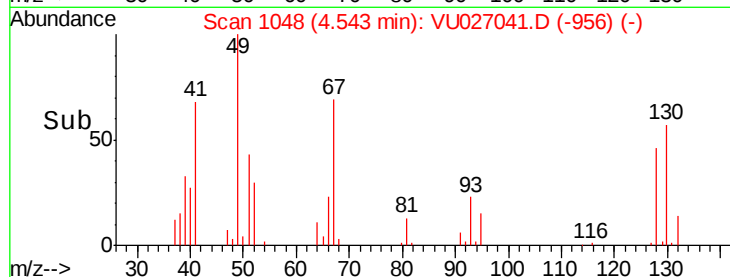
39 53.7 42.9 64.3

67 62.9 52.4 78.6

52 26.6 21.3 31.9



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



#42

1,2-Dichloroethane

Concen: 51.910 ug/l

RT: 5.40 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VU027041.D

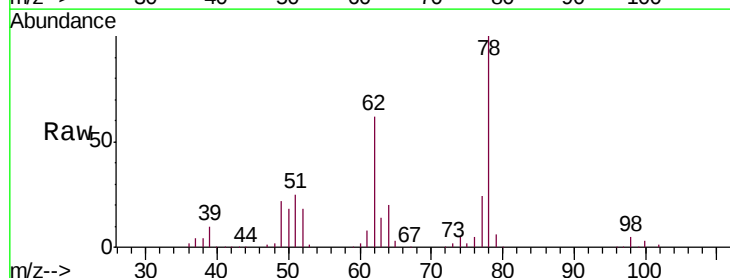
Acq: 23 Sep 2018 01:28

Tgt Ion: 62 Resp: 110862

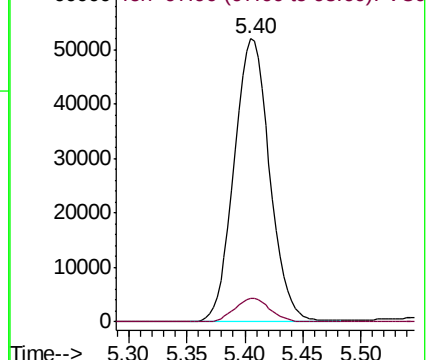
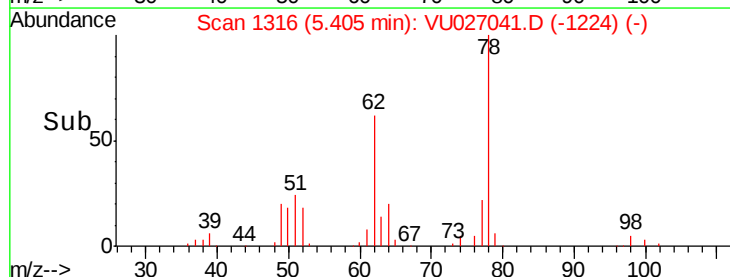
Ion Ratio Lower Upper

62 100

98 8.2 0.0 17.0



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





#43

Isopropyl Acetate

Concen: 54.816 ug/l

RT: 5.55 min Scan# 1361

Delta R.T. -0.00 min

Lab File: VU027041.D

Acq: 23 Sep 2018 01:28

Instrument :

MSVOA_U

ClientSampled :

BFB

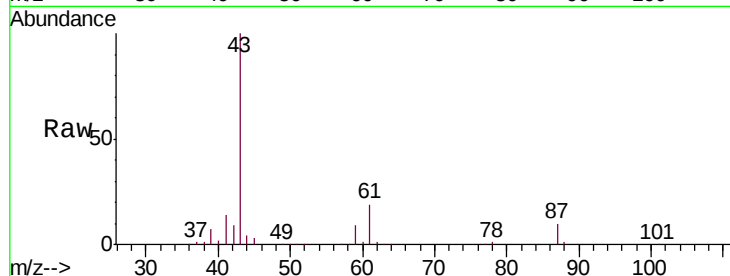
Tgt Ion: 43 Resp: 201229

Ion Ratio Lower Upper

43 100

61 18.9 15.7 23.5

87 10.7 9.0 13.4

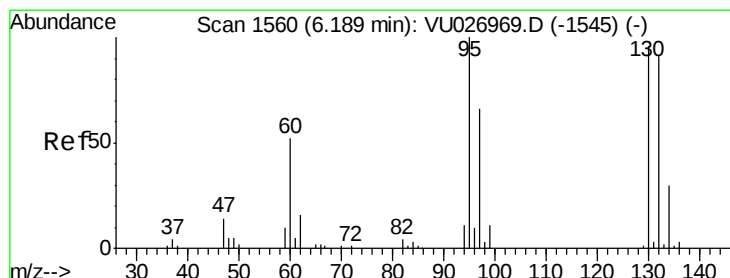
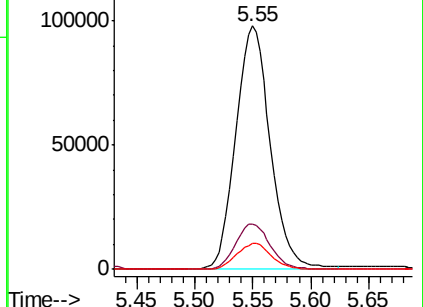
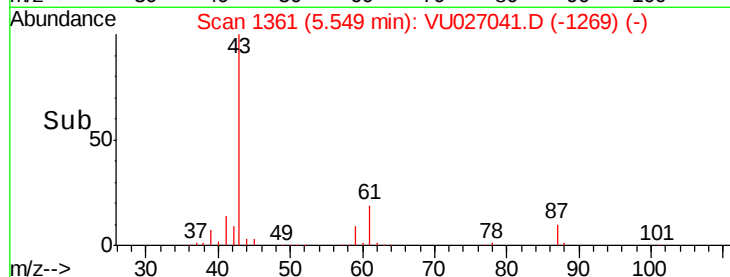


Abundance Ion 43.00 (42.70 to 43.70): VU026969.D (-1342) (-)

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

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

Time-->



#44

Trichloroethene

Concen: 50.731 ug/l

RT: 6.19 min Scan# 1559

Delta R.T. -0.00 min

Lab File: VU027041.D

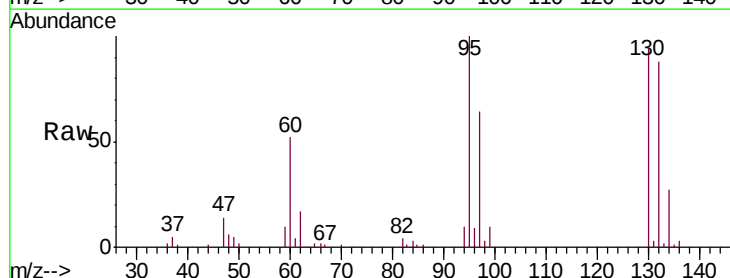
Acq: 23 Sep 2018 01:28

Tgt Ion: 130 Resp: 61049

Ion Ratio Lower Upper

130 100

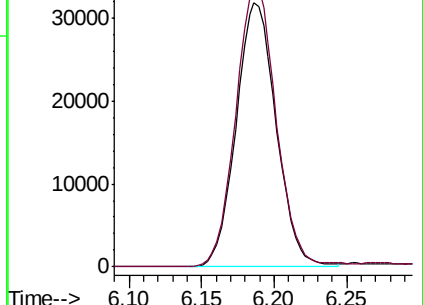
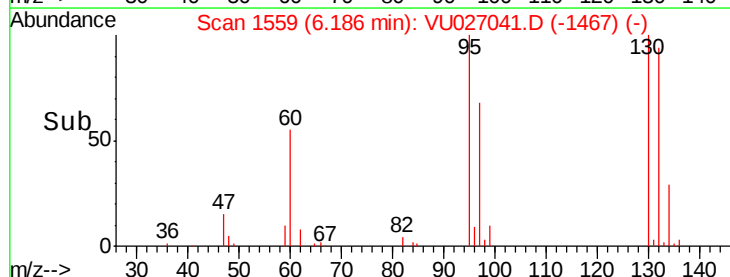
95 106.9 0.0 208.8

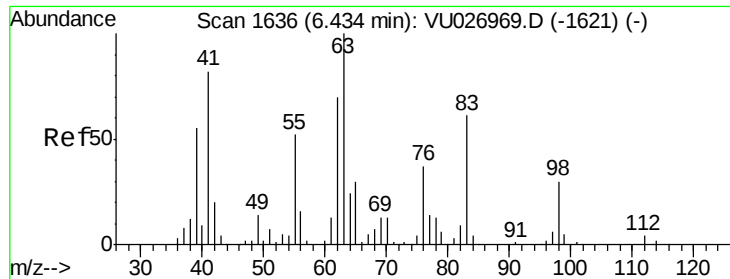


Abundance Ion 129.80 (129.50 to 130.50): VU026969.D (-1545) (-)

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

Time-->





#45

1,2-Dichloropropane

Concen: 52.326 ug/l

RT: 6.43 min Scan# 1636

Delta R.T. 0.00 min

Lab File: VU027041.D

Acq: 23 Sep 2018 01:28

Instrument :

MSVOA_U

ClientSampleId :

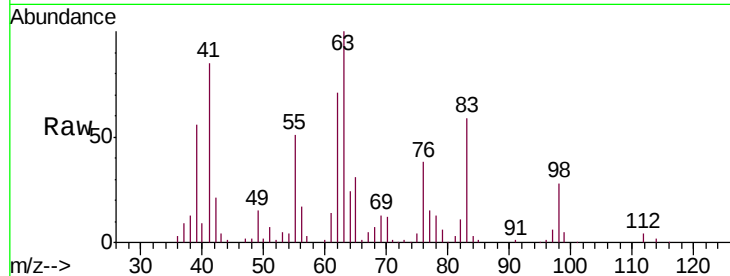
BFB

Tgt Ion: 63 Resp: 84279

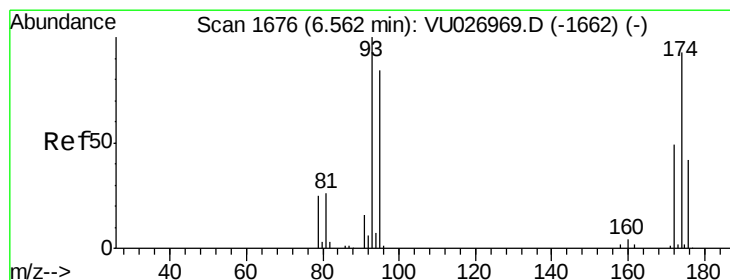
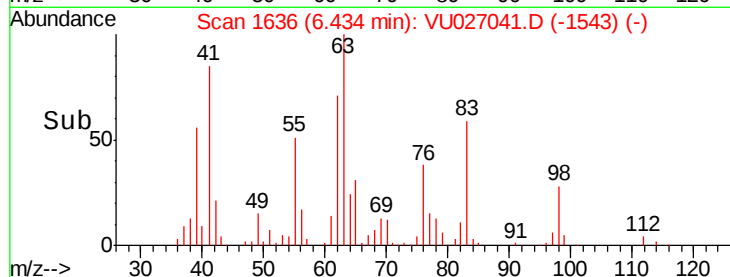
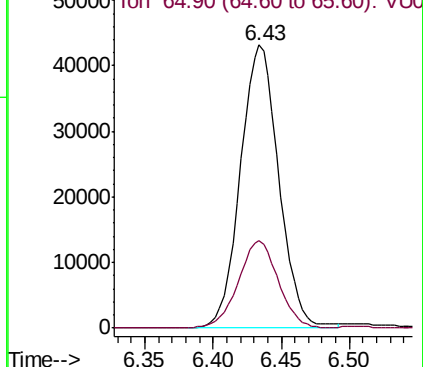
Ion Ratio Lower Upper

63 100

65 30.9 24.3 36.5



Abundance Ion 62.90 (62.60 to 63.60): VU027041.D (-1543) (-)



#46

Dibromomethane

Concen: 50.569 ug/l

RT: 6.56 min Scan# 1676

Delta R.T. 0.00 min

Lab File: VU027041.D

Acq: 23 Sep 2018 01:28

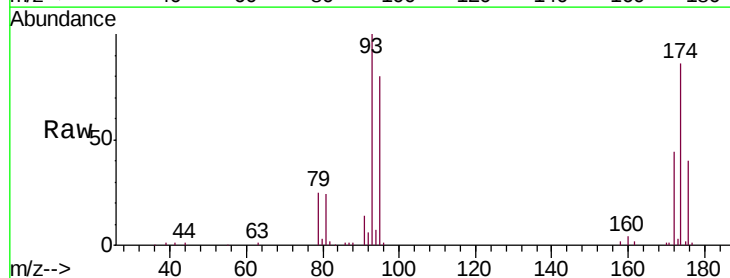
Tgt Ion: 93 Resp: 49191

Ion Ratio Lower Upper

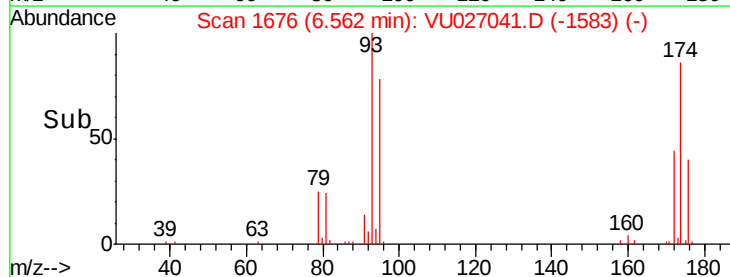
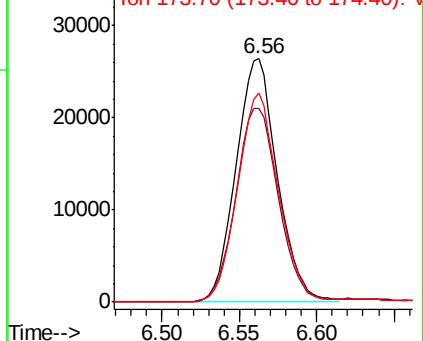
93 100

95 82.5 66.2 99.4

174 84.6 71.7 107.5



Abundance Ion 92.80 (92.50 to 93.50): VU027041.D (-1583) (-)

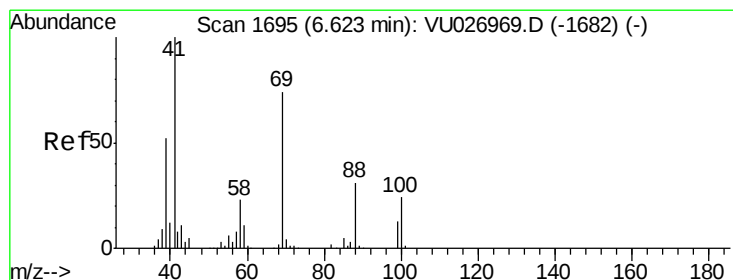
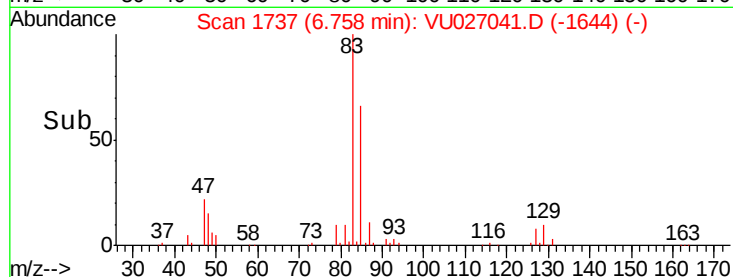
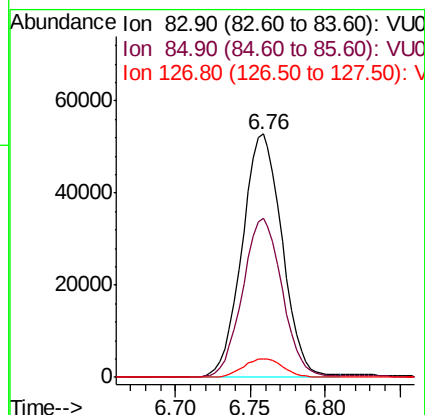
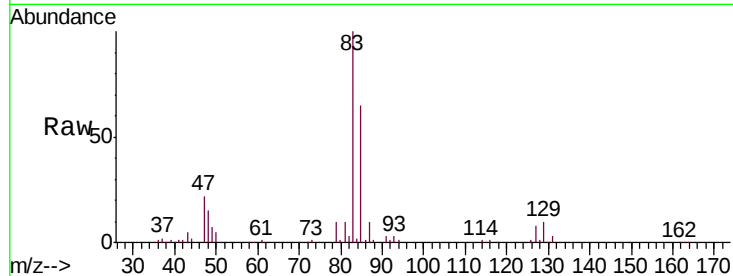




#47
Bromodichloromethane
Concen: 50.000 ug/l
RT: 6.76 min Scan# 1737
Delta R.T. 0.00 min
Lab File: VU027041.D
Acq: 23 Sep 2018 01:28

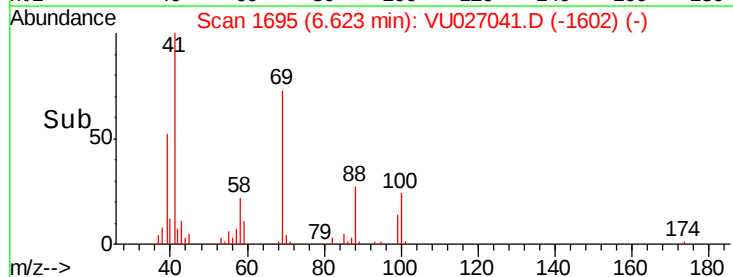
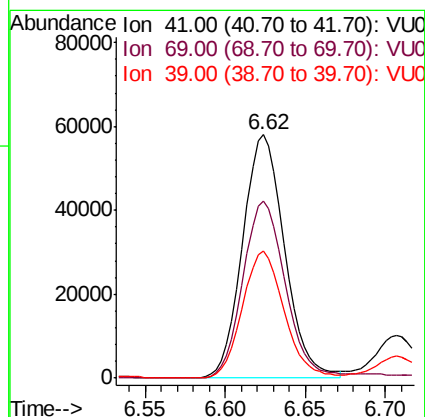
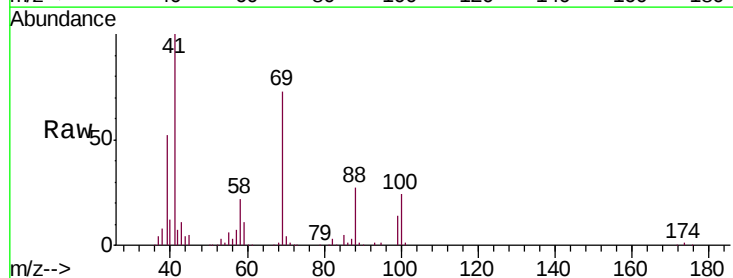
Instrument :
MSVOA_U
ClientSampleId :
BFB

Tgt Ion: 83 Resp: 98347
Ion Ratio Lower Upper
83 100
85 65.1 52.5 78.7
127 7.7 6.3 9.5



#48
Methyl methacrylate
Concen: 51.979 ug/l
RT: 6.62 min Scan# 1695
Delta R.T. 0.00 min
Lab File: VU027041.D
Acq: 23 Sep 2018 01:28

Tgt Ion: 41 Resp: 103939
Ion Ratio Lower Upper
41 100
69 74.3 60.6 90.8
39 52.3 42.8 64.2

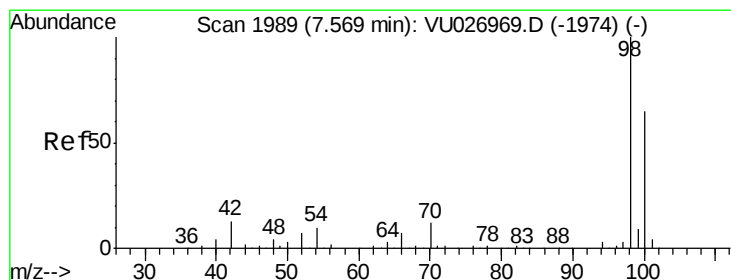
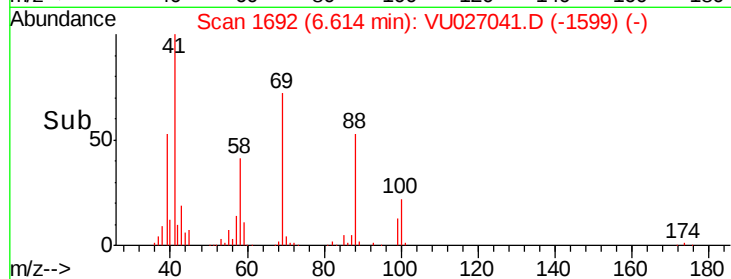
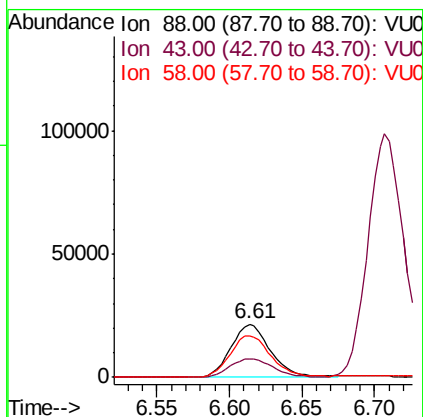
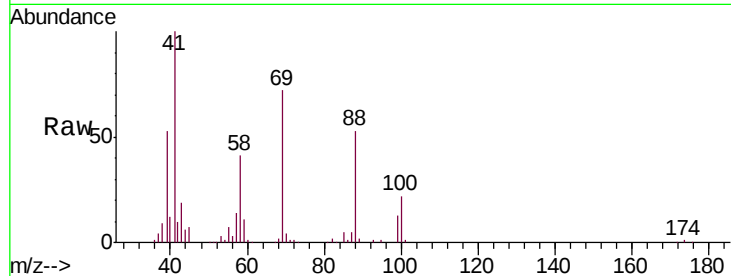




#49
1,4-Dioxane
Concen: 1031.212 ug/l
RT: 6.61 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VU027041.D
Acq: 23 Sep 2018 01:28

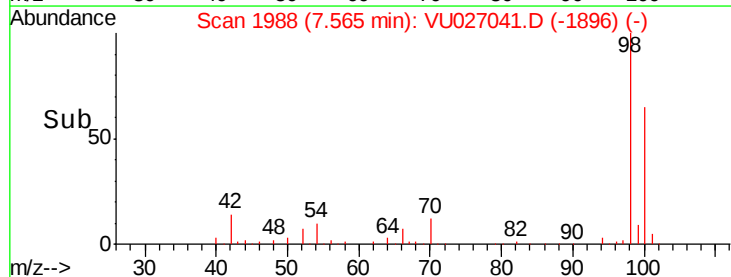
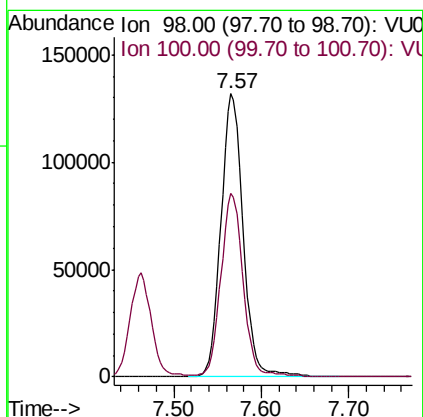
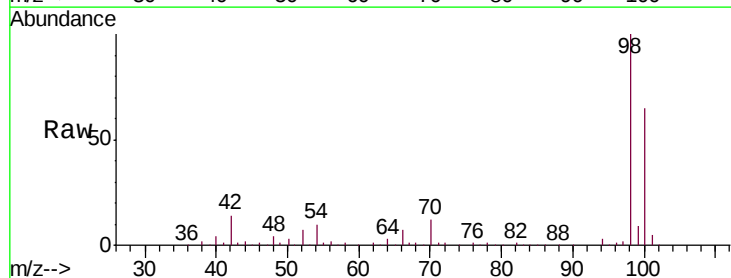
Instrument :
MSVOA_U
ClientSampleId :
BFB

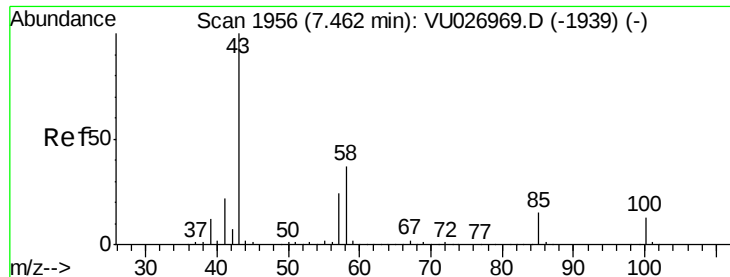
Tgt Ion: 88 Resp: 40917
Ion Ratio Lower Upper
88 100
43 38.9 29.8 44.8
58 81.1 63.9 95.9



#50
Toluene-d8
Concen: 50.567 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. -0.00 min
Lab File: VU027041.D
Acq: 23 Sep 2018 01:28

Tgt Ion: 98 Resp: 232730
Ion Ratio Lower Upper
98 100
100 65.4 52.1 78.1





#51

4-Methyl-2-Pentanone

Concen: 282.404 ug/l

RT: 7.46 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VU027041.D

Acq: 23 Sep 2018 01:28

Instrument :

MSVOA_U

ClientSampled :

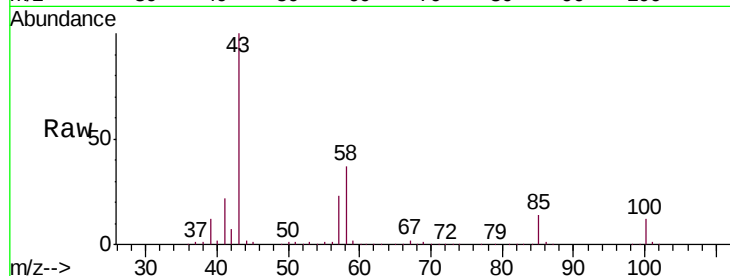
BFB

Tgt Ion: 43 Resp: 697249

Ion Ratio Lower Upper

43 100

58 36.7 29.8 44.6



Abundance Ion 43.00 (42.70 to 43.70): VU026969.D (-1939) (-)

Ion 58.00 (57.70 to 58.70): VU026969.D (-1939) (-)

7.46

400000

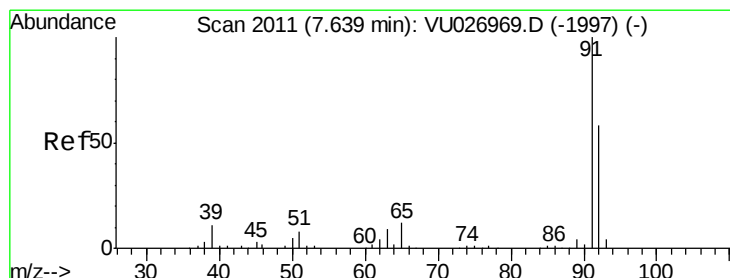
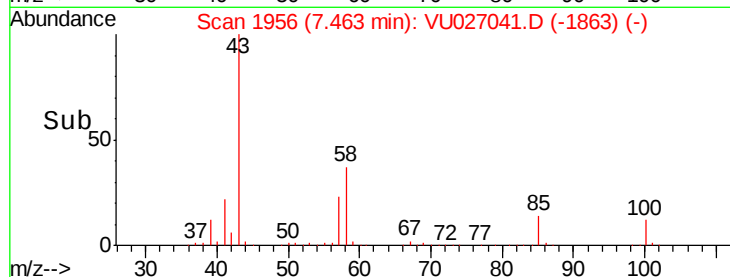
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 52.895 ug/l

RT: 7.64 min Scan# 2010

Delta R.T. -0.00 min

Lab File: VU027041.D

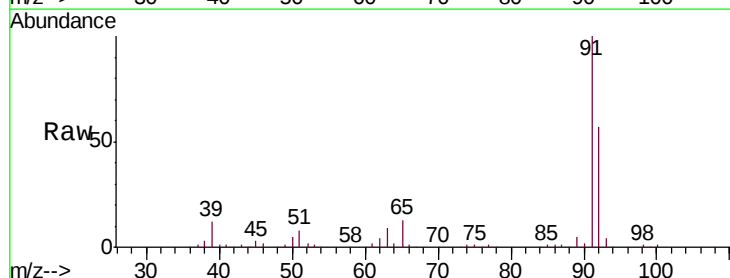
Acq: 23 Sep 2018 01:28

Tgt Ion: 92 Resp: 171385

Ion Ratio Lower Upper

92 100

91 174.1 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VU026969.D (-1997) (-)

Ion 91.00 (90.70 to 91.70): VU026969.D (-1997) (-)

7.64

200000

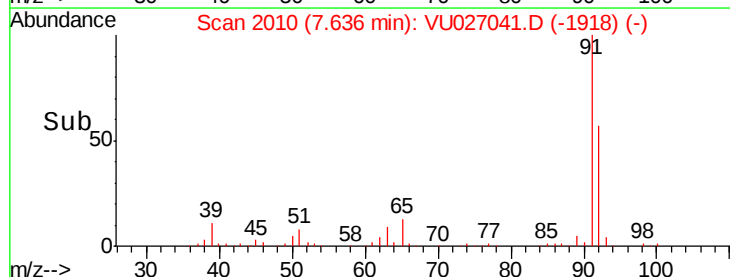
150000

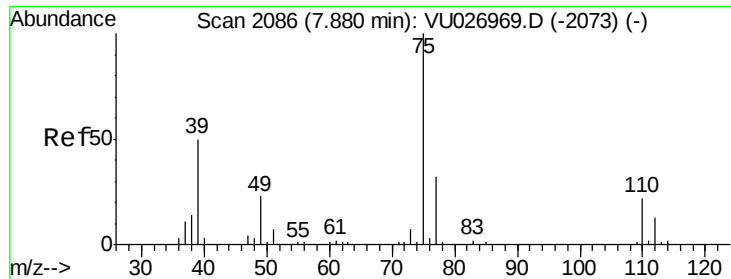
100000

50000

0

Time-->

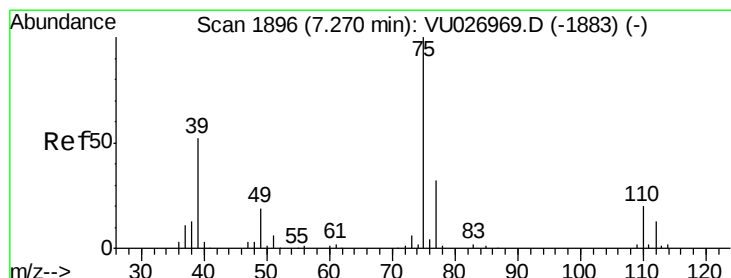
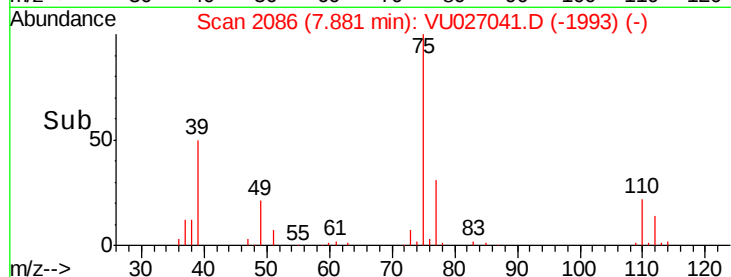
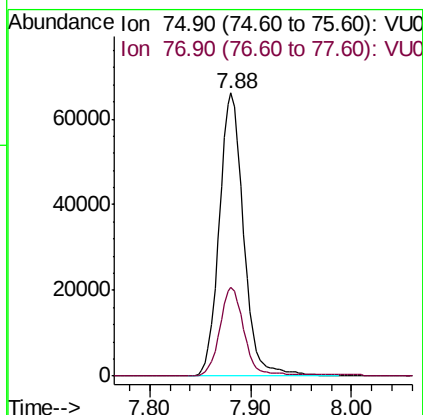
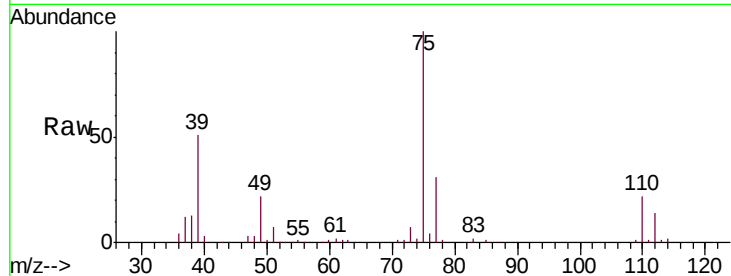




#53
t-1,3-Dichloropropene
Concen: 52.823 ug/l
RT: 7.88 min Scan# 2086
Delta R.T. 0.00 min
Lab File: VU027041.D
Acq: 23 Sep 2018 01:28

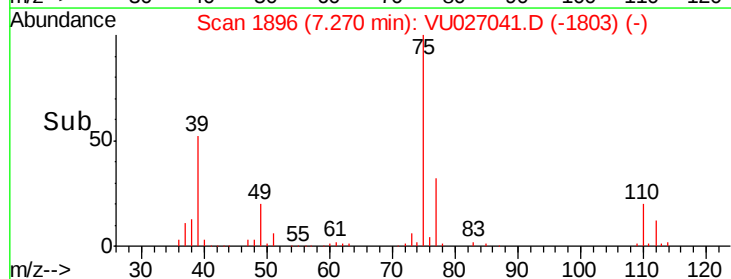
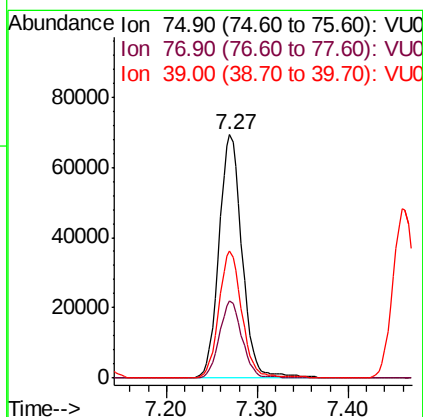
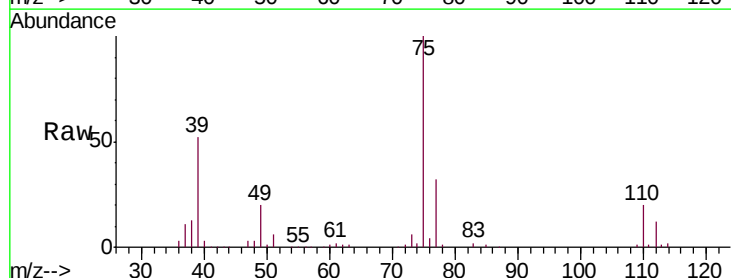
Instrument :
MSVOA_U
ClientSampled :
BFB

Tgt Ion: 75 Resp: 111631
Ion Ratio Lower Upper
75 100
77 31.3 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 52.685 ug/l
RT: 7.27 min Scan# 1896
Delta R.T. 0.00 min
Lab File: VU027041.D
Acq: 23 Sep 2018 01:28

Tgt Ion: 75 Resp: 122420
Ion Ratio Lower Upper
75 100
77 31.5 25.4 38.0
39 51.9 41.6 62.4

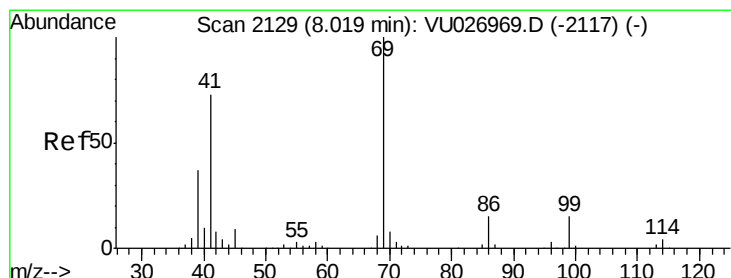
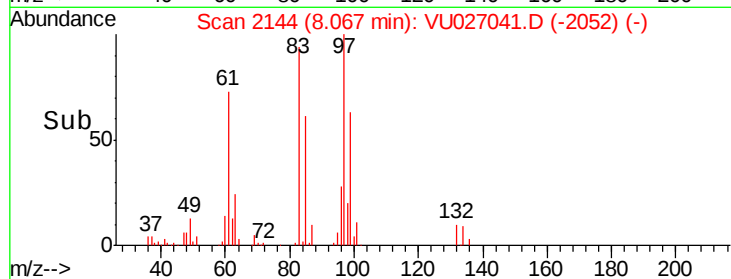
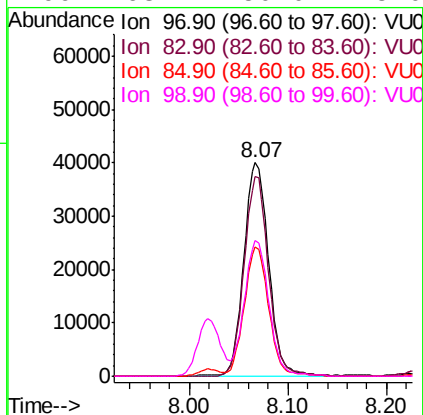
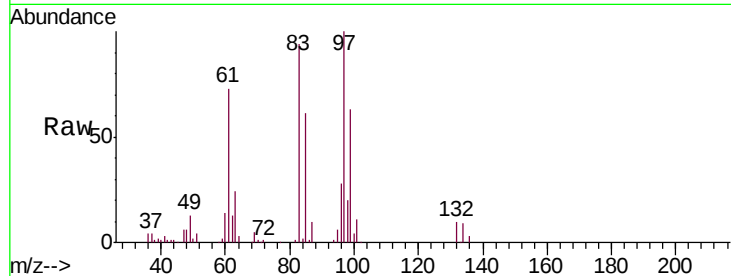




#55
 1,1,2-Trichloroethane
 Concen: 50.910 ug/l
 RT: 8.07 min Scan# 2144
 Delta R.T. -0.00 min
 Lab File: VU027041.D
 Acq: 23 Sep 2018 01:28

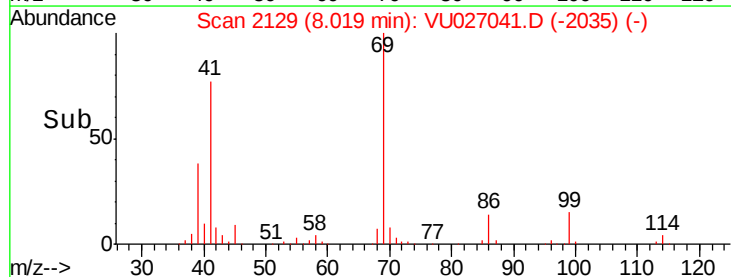
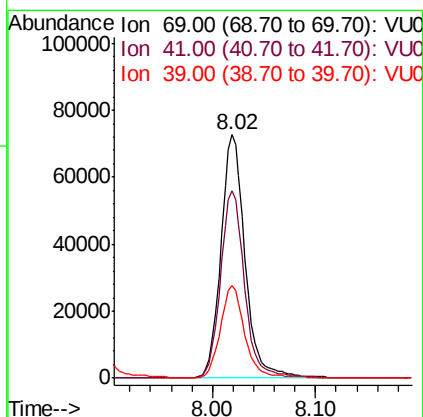
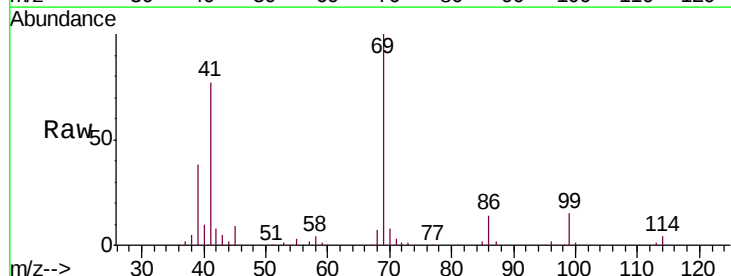
Instrument :
 MSVOA_U
 ClientSampleId :
 BFB

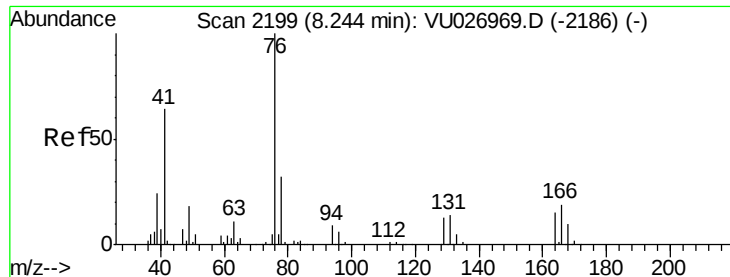
Tgt Ion	Resp	Lower	Upper
97	69895		
83	93.6	73.1	109.7
85	60.8	46.7	70.1
99	63.4	50.0	75.0



#56
 Ethyl methacrylate
 Concen: 49.711 ug/l
 RT: 8.02 min Scan# 2129
 Delta R.T. 0.00 min
 Lab File: VU027041.D
 Acq: 23 Sep 2018 01:28

Tgt Ion	Resp	Lower	Upper
69	118388		
41	77.2	59.0	88.4
39	38.0	30.2	45.4





#57

1,3-Dichloropropane

Concen: 53.054 ug/l

RT: 8.24 min Scan# 2199

Delta R.T. 0.00 min

Lab File: VU027041.D

Acq: 23 Sep 2018 01:28

Instrument :

MSVOA_U

ClientSampleId :

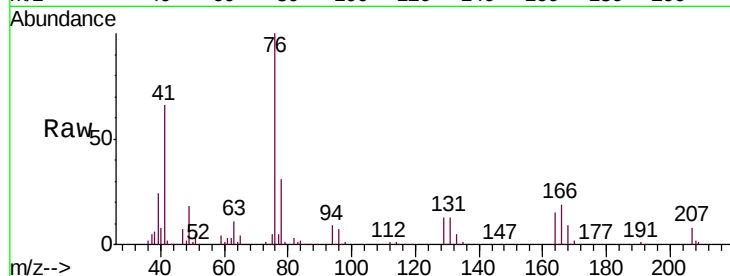
BFB

Tgt Ion: 76 Resp: 135473

Ion Ratio Lower Upper

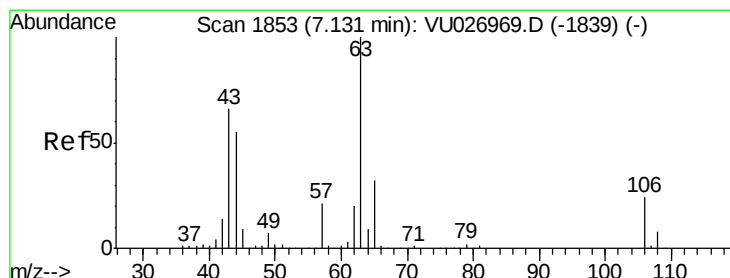
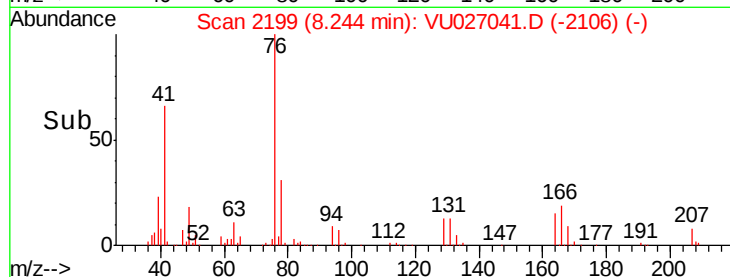
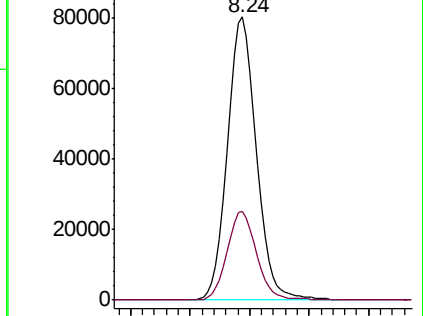
76 100

78 31.8 25.5 38.3



Abundance Ion 75.90 (75.60 to 76.60): VU026969.D (-2186) (-)

Ion 77.90 (77.60 to 78.60): VU027041.D (-2106) (-)



#58

2-Chloroethyl Vinyl ether

Concen: 253.982 ug/l

RT: 7.13 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VU027041.D

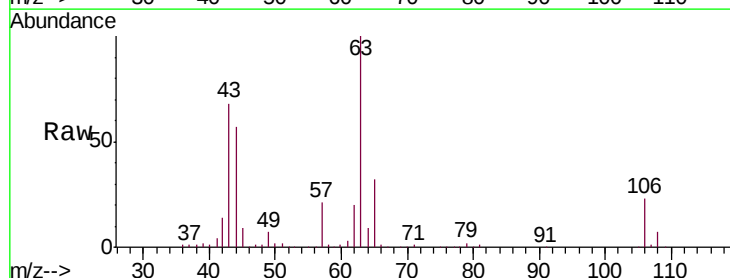
Acq: 23 Sep 2018 01:28

Tgt Ion: 63 Resp: 343468

Ion Ratio Lower Upper

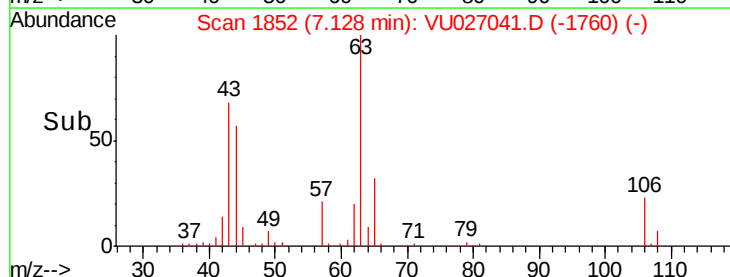
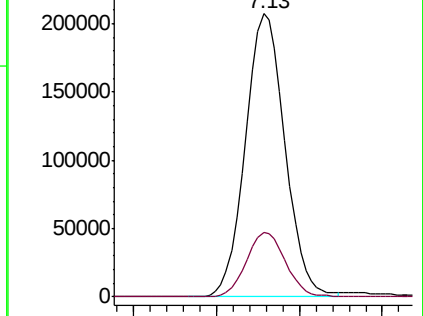
63 100

106 22.8 18.7 28.1



Abundance Ion 62.90 (62.60 to 63.60): VU026969.D (-1839) (-)

Ion 105.90 (105.60 to 106.60): VU027041.D (-1760) (-)

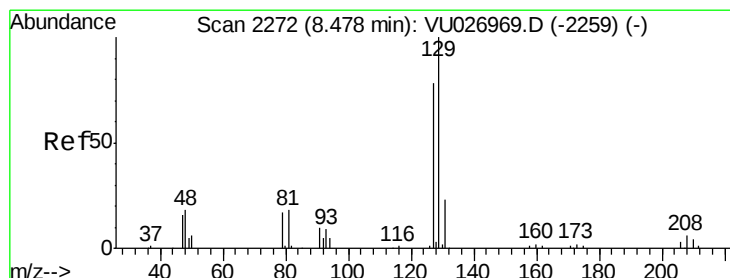
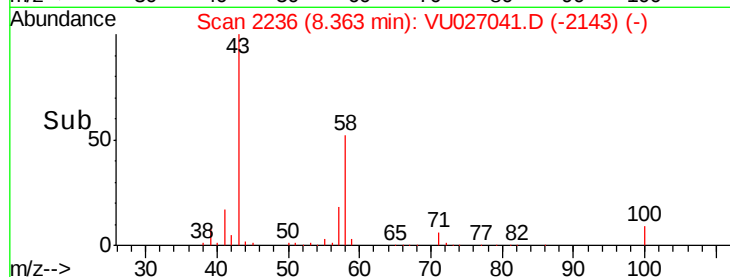
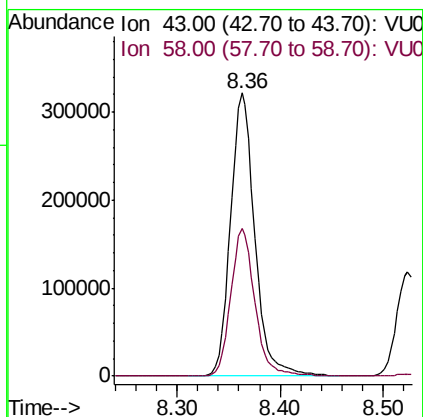
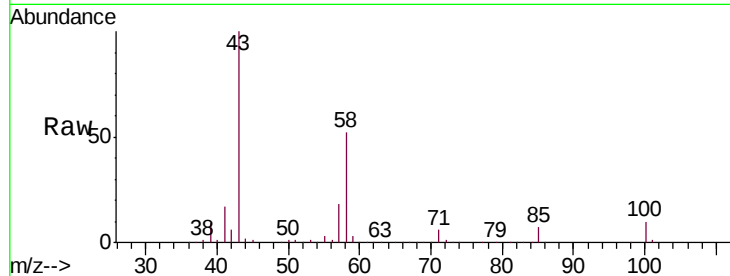




#59
 2-Hexanone
 Concen: 273.311 ug/l
 RT: 8.36 min Scan# 2236
 Delta R.T. 0.00 min
 Lab File: VU027041.D
 Acq: 23 Sep 2018 01:28

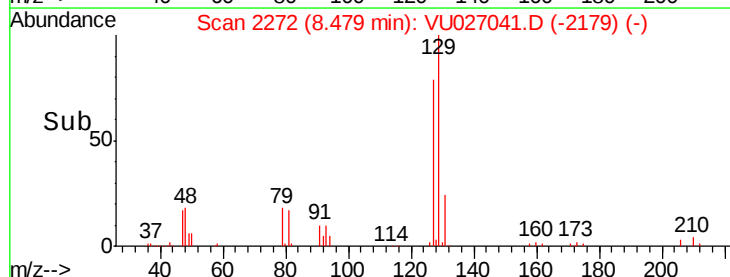
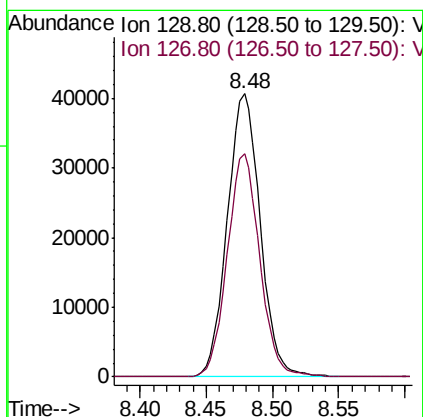
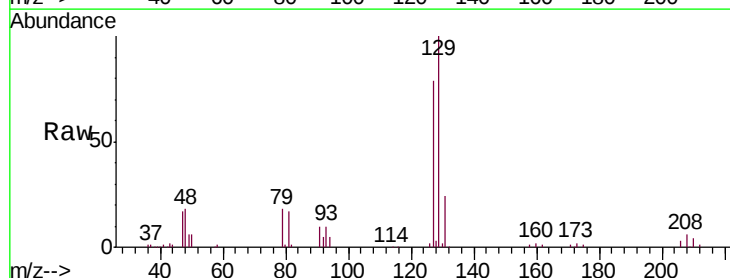
Instrument :
 MSVOA_U
 ClientSampled :
 BFB

Tgt Ion: 43 Resp: 528218
 Ion Ratio Lower Upper
 43 100
 58 52.0 26.1 78.2



#60
 Dibromochloromethane
 Concen: 52.274 ug/l
 RT: 8.48 min Scan# 2272
 Delta R.T. 0.00 min
 Lab File: VU027041.D
 Acq: 23 Sep 2018 01:28

Tgt Ion: 129 Resp: 70396
 Ion Ratio Lower Upper
 129 100
 127 77.4 38.1 114.5





#61

1,2-Dibromoethane

Concen: 51.812 ug/l

RT: 8.59 min Scan# 2306

Delta R.T. 0.00 min

Lab File: VU027041.D

Acq: 23 Sep 2018 01:28

Instrument :

MSVOA_U

ClientSampleId :

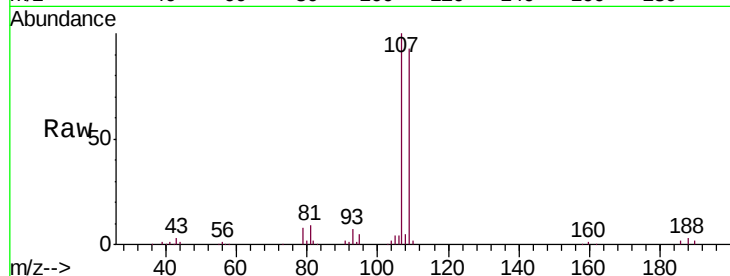
BFB

Tgt Ion: 107 Resp: 74012

Ion Ratio Lower Upper

107 100

109 92.6 75.0 112.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

8.59

40000

30000

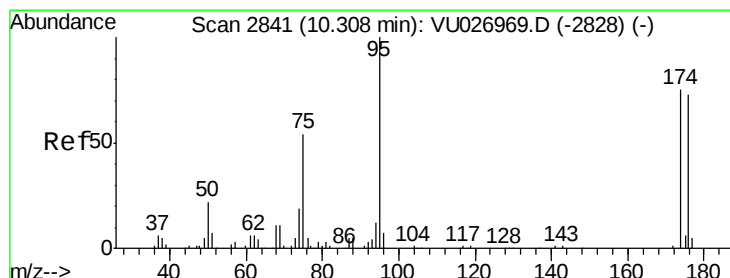
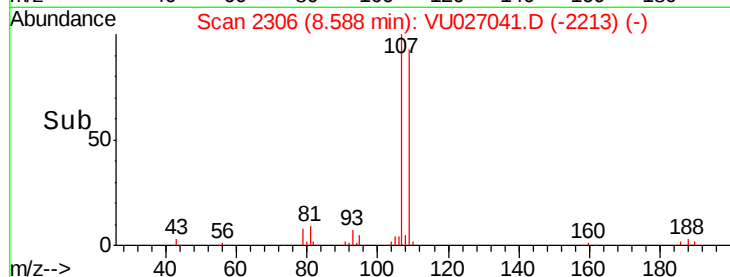
20000

10000

0

Time-->

8.50 8.55 8.60 8.65 8.70



#62

4-Bromofluorobenzene

Concen: 53.919 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VU027041.D

Acq: 23 Sep 2018 01:28

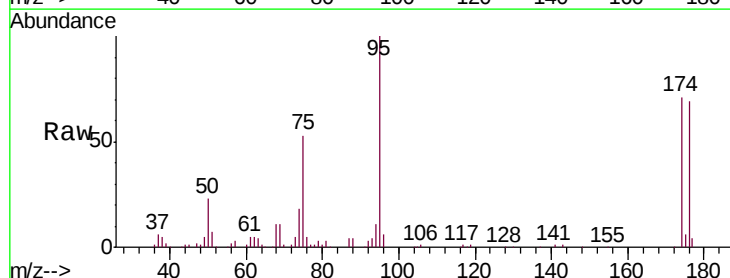
Tgt Ion: 95 Resp: 85151

Ion Ratio Lower Upper

95 100

174 72.0 0.0 150.2

176 69.3 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

10.31

60000

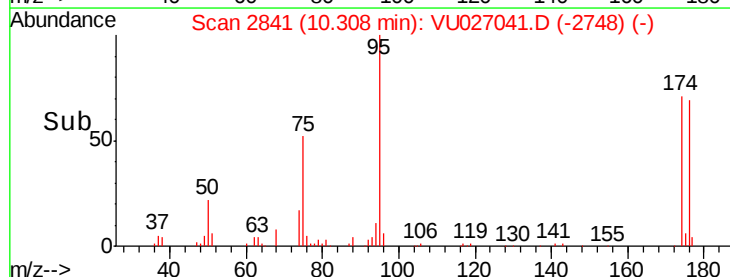
40000

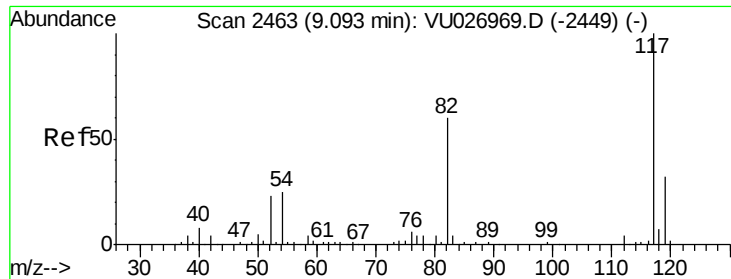
20000

0

Time-->

10.25 10.30 10.35 10.40

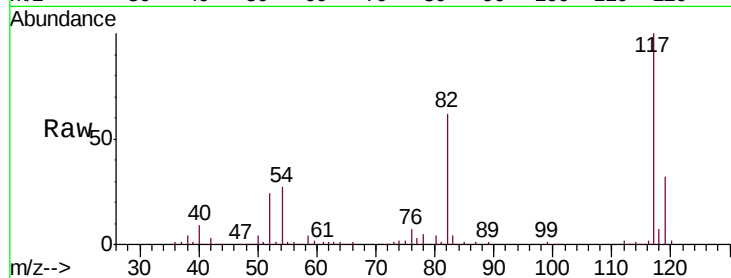




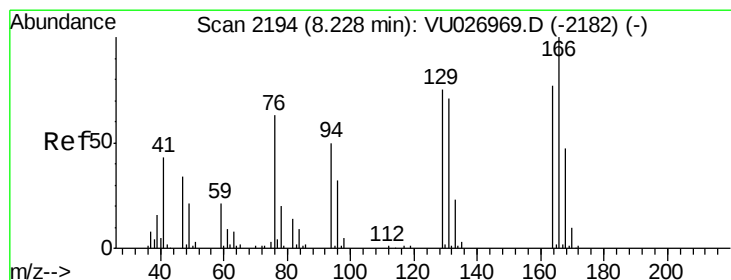
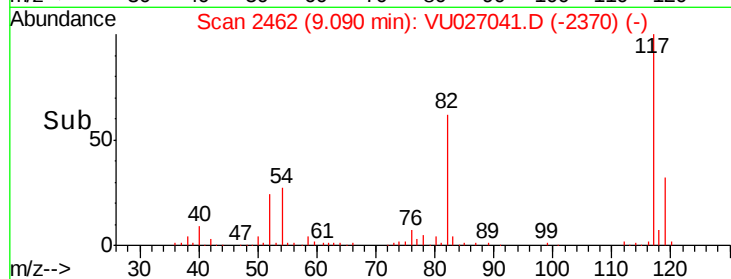
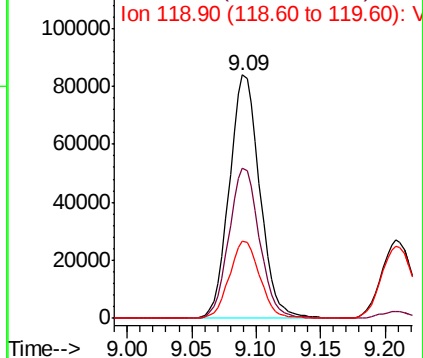
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU027041.D
Acq: 23 Sep 2018 01:28

Instrument :
MSVOA_U
ClientSampleId :
BFB

Tgt Ion:117 Resp: 137407
Ion Ratio Lower Upper
117 100
82 61.5 48.0 72.0
119 31.7 25.8 38.8



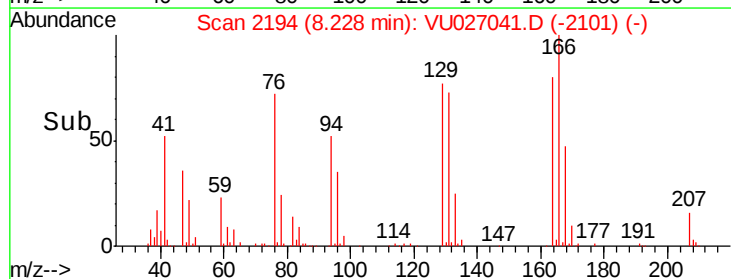
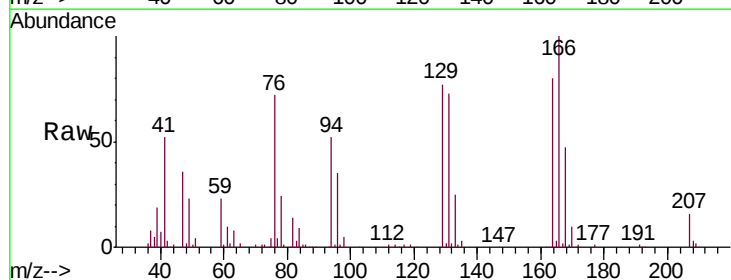
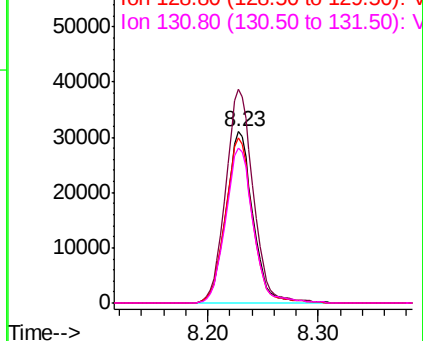
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU027041.D (-2370) (-)
Ion 118.90 (118.60 to 119.60): V

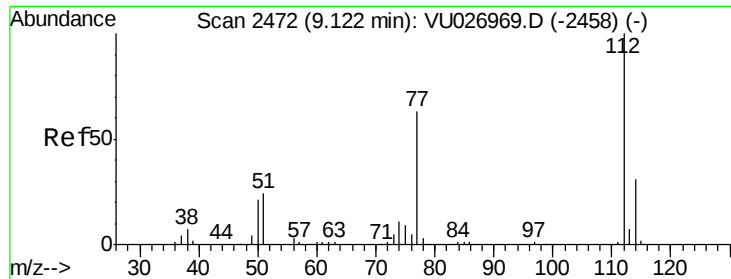


#64
Tetrachloroethene
Concen: 49.534 ug/l
RT: 8.23 min Scan# 2194
Delta R.T. 0.00 min
Lab File: VU027041.D
Acq: 23 Sep 2018 01:28

Tgt Ion:164 Resp: 52447
Ion Ratio Lower Upper
164 100
166 124.5 104.4 156.6
129 96.2 78.7 118.1
131 90.6 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

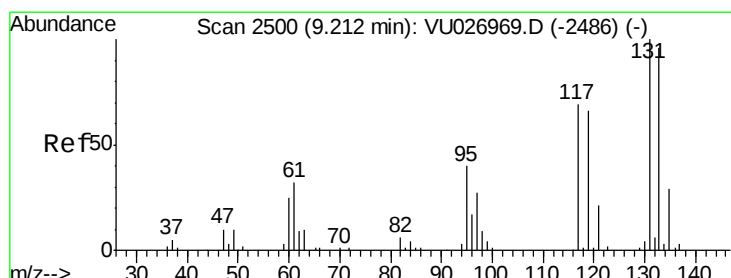
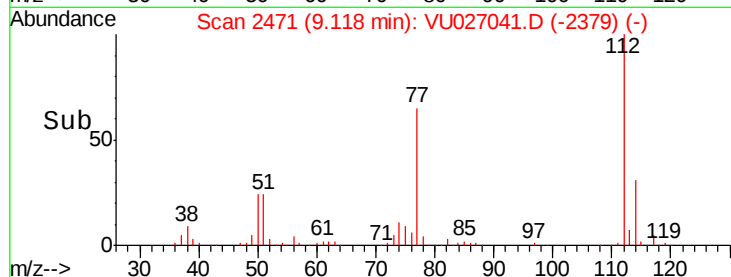
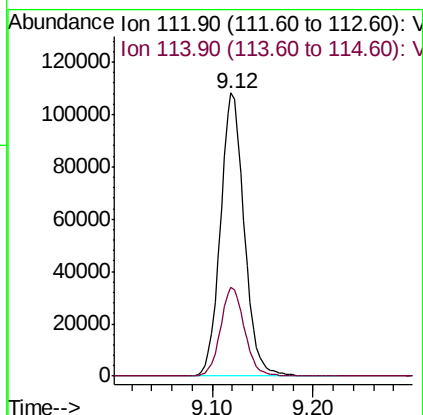
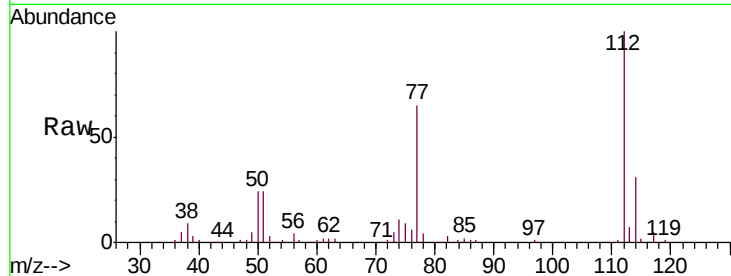




#65
Chlorobenzene
Concen: 48.886 ug/l
RT: 9.12 min Scan# 2471
Delta R.T. -0.00 min
Lab File: VU027041.D
Acq: 23 Sep 2018 01:28

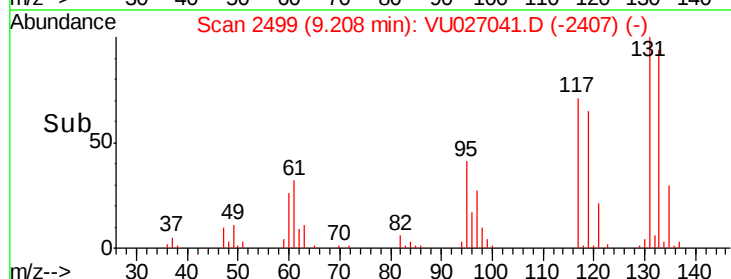
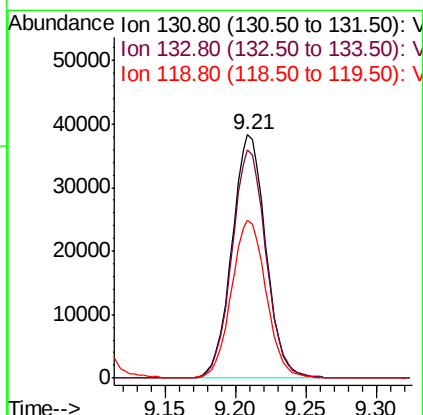
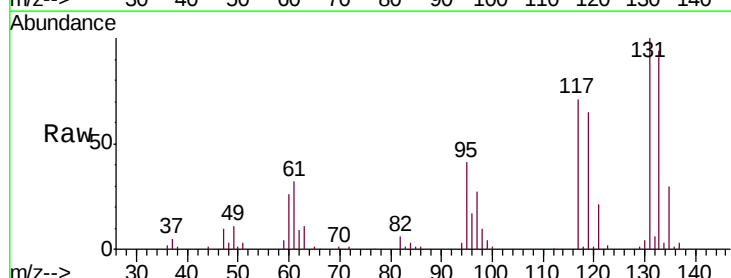
Instrument :
MSVOA_U
ClientSampled :
BFB

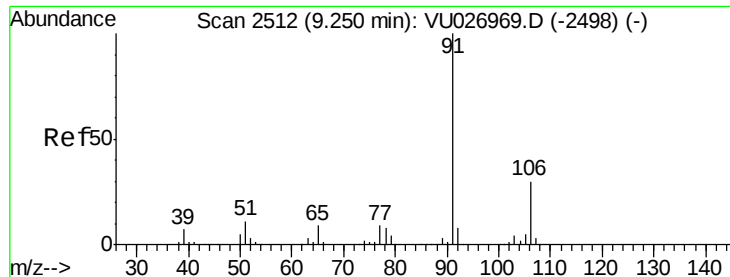
Tgt Ion:112 Resp: 178110
Ion Ratio Lower Upper
112 100
114 31.2 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 51.457 ug/l
RT: 9.21 min Scan# 2499
Delta R.T. -0.00 min
Lab File: VU027041.D
Acq: 23 Sep 2018 01:28

Tgt Ion:131 Resp: 64574
Ion Ratio Lower Upper
131 100
133 94.5 48.0 144.2
119 66.4 33.4 100.1

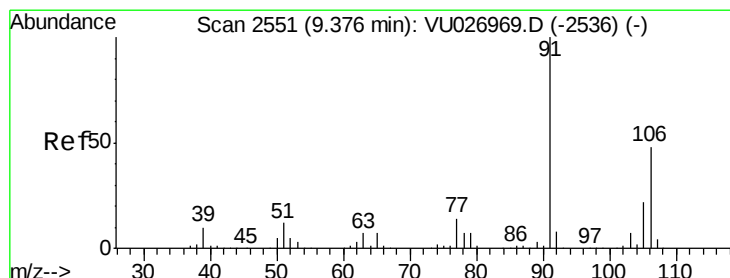
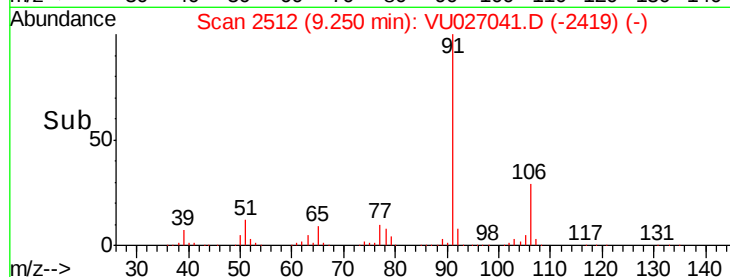
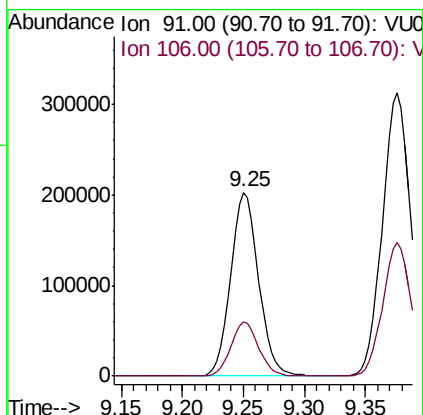
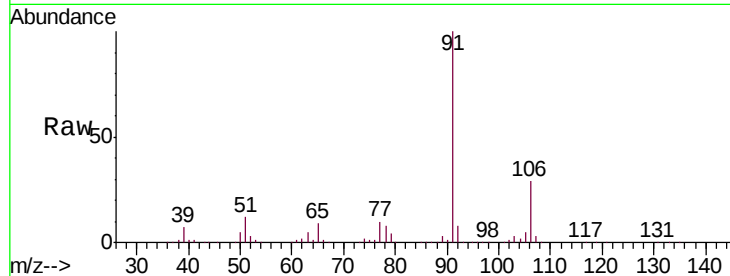




#67
Ethyl Benzene
Concen: 54.168 ug/l
RT: 9.25 min Scan# 2512
Delta R.T. 0.00 min
Lab File: VU027041.D
Acq: 23 Sep 2018 01:28

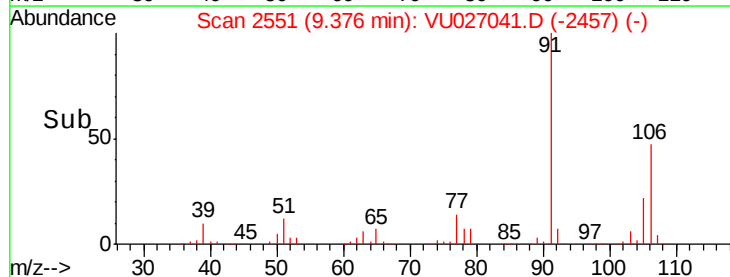
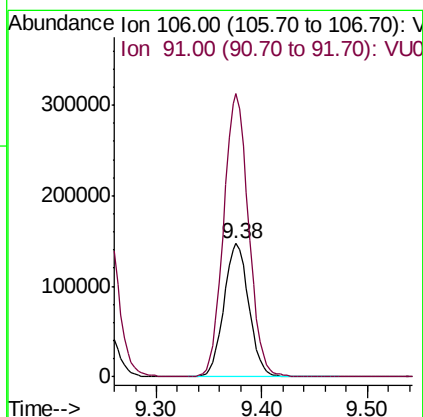
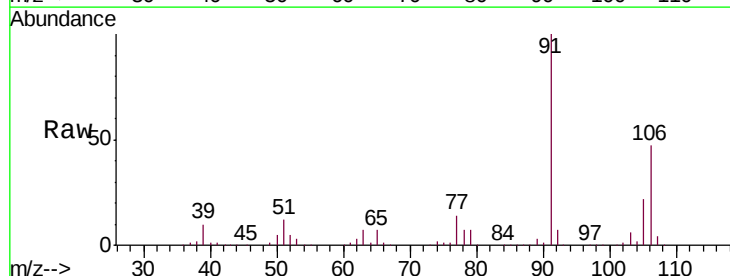
Instrument :
MSVOA_U
ClientSampleId :
BFB

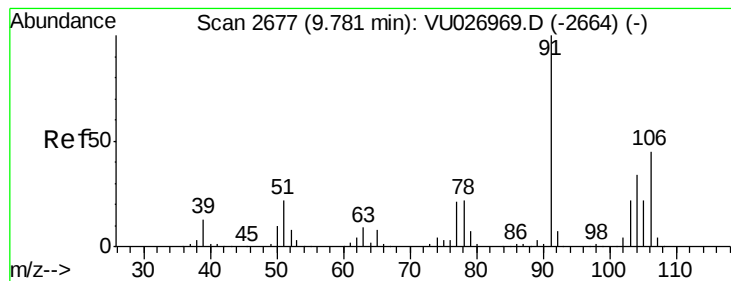
Tgt Ion: 91 Resp: 324525
Ion Ratio Lower Upper
91 100
106 29.3 23.8 35.8



#68
m/p-Xylenes
Concen: 99.561 ug/l
RT: 9.38 min Scan# 2551
Delta R.T. 0.00 min
Lab File: VU027041.D
Acq: 23 Sep 2018 01:28

Tgt Ion: 106 Resp: 241550
Ion Ratio Lower Upper
106 100
91 211.8 166.5 249.7





#69

o-Xylene

Concen: 54.593 ug/l

RT: 9.78 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VU027041.D

Acq: 23 Sep 2018 01:28

Instrument :

MSVOA_U

ClientSampleId :

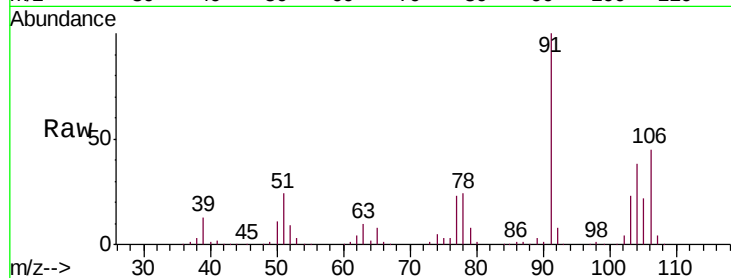
BFB

Tgt Ion:106 Resp: 115885

Ion Ratio Lower Upper

106 100

91 223.1 110.2 330.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0

150000

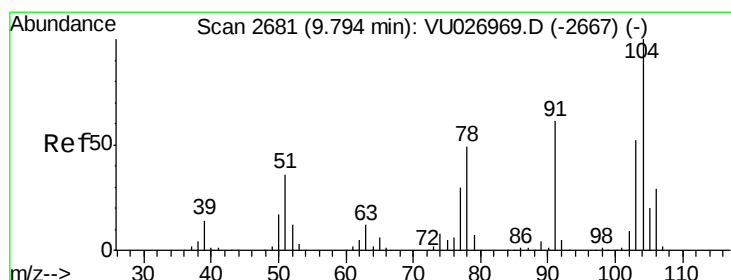
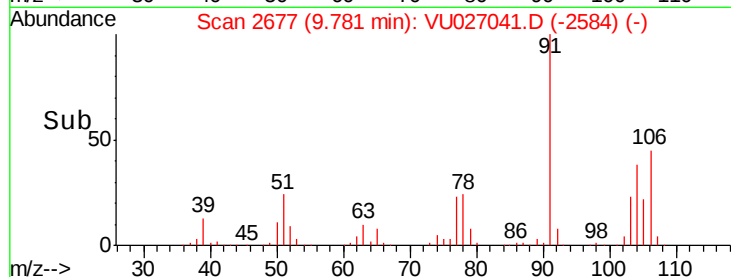
100000

50000

0

9.70 9.75 9.80 9.85

Time-->



#70

Styrene

Concen: 49.671 ug/l

RT: 9.79 min Scan# 2681

Delta R.T. 0.00 min

Lab File: VU027041.D

Acq: 23 Sep 2018 01:28

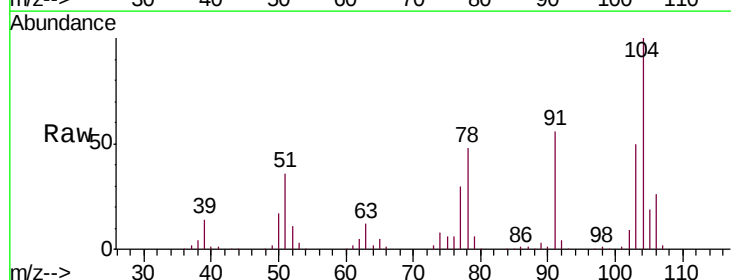
Tgt Ion:104 Resp: 196819

Ion Ratio Lower Upper

104 100

78 53.0 43.0 64.4

103 54.4 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

150000

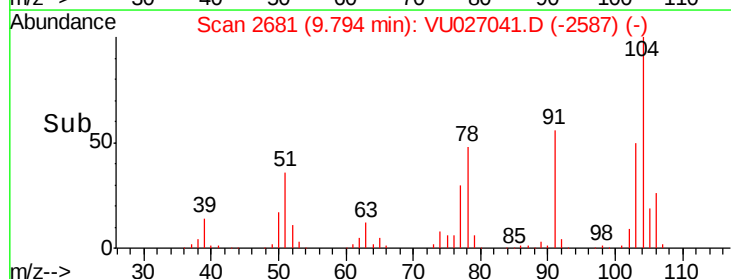
100000

50000

0

9.70 9.75 9.80 9.85 9.90

Time-->





#71

Bromoform

Concen: 52.174 ug/l

RT: 9.96 min Scan# 2732

Delta R.T. 0.00 min

Lab File: VU027041.D

Acq: 23 Sep 2018 01:28

Instrument :

MSVOA_U

ClientSampleId :

BFB

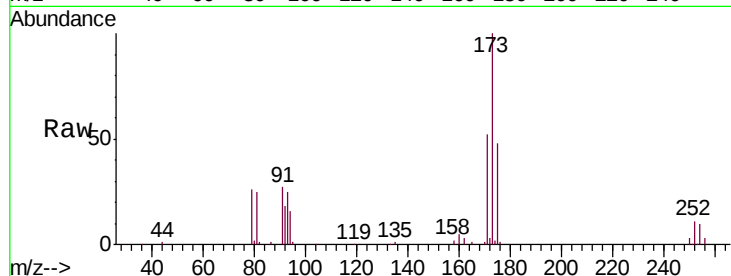
Tgt Ion:173 Resp: 50631

Ion Ratio Lower Upper

173 100

175 48.3 23.9 71.8

254 0.0 0.0 0.0

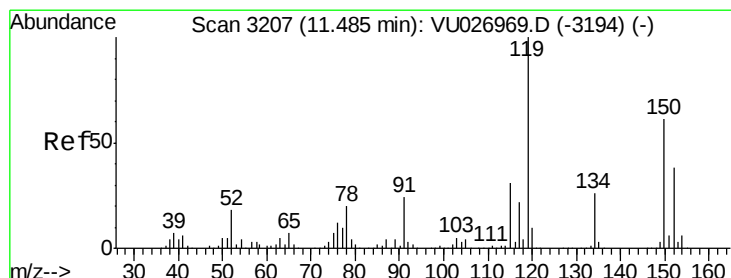
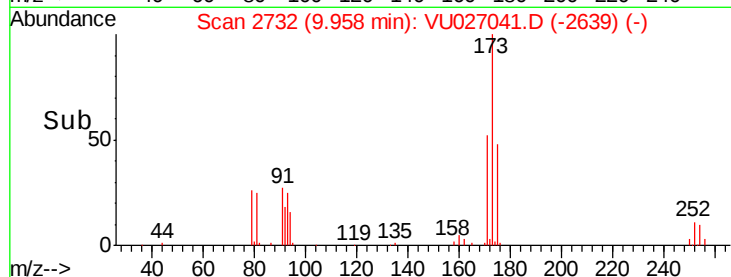
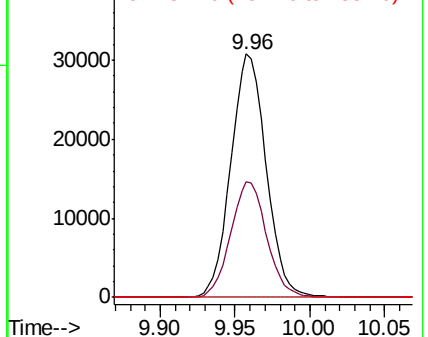


Abundance

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# 3206

Delta R.T. -0.00 min

Lab File: VU027041.D

Acq: 23 Sep 2018 01:28

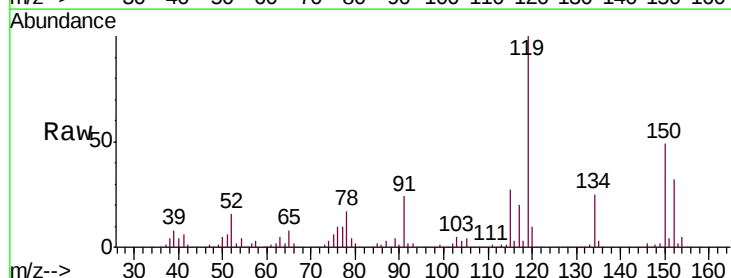
Tgt Ion:152 Resp: 76145

Ion Ratio Lower Upper

152 100

115 88.6 44.9 134.5

150 173.8 0.0 355.8

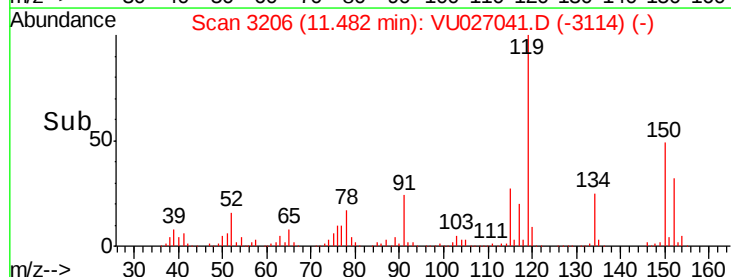
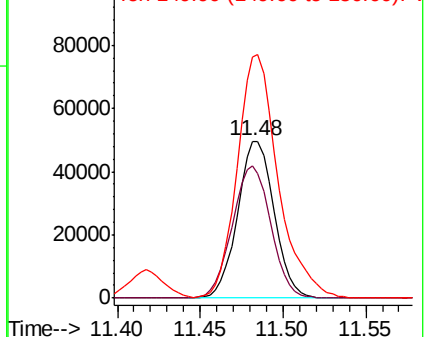


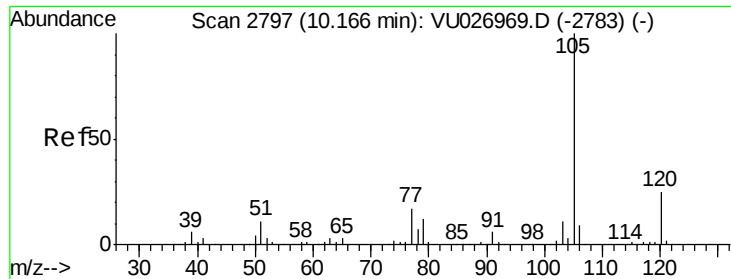
Abundance

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: 55.050 ug/l

RT: 10.17 min Scan# 2797

Delta R.T. 0.00 min

Lab File: VU027041.D

Acq: 23 Sep 2018 01:28

Instrument :

MSVOA_U

ClientSampleId :

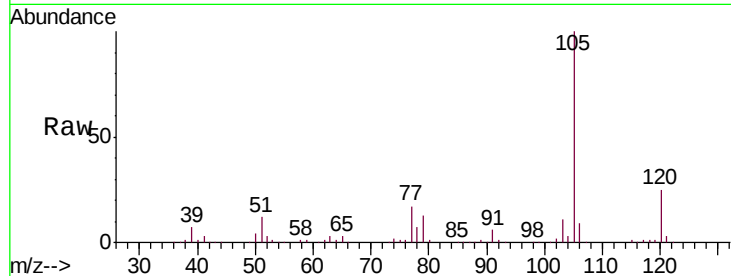
BFB

Tgt Ion: 105 Resp: 318864

Ion Ratio Lower Upper

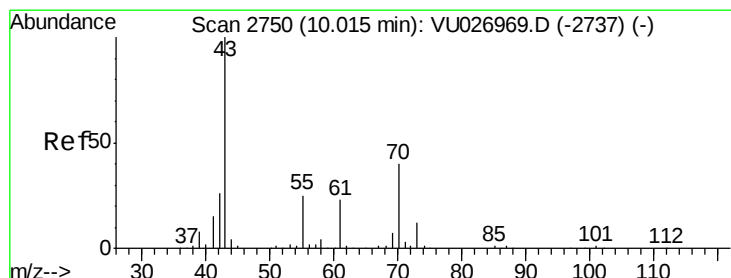
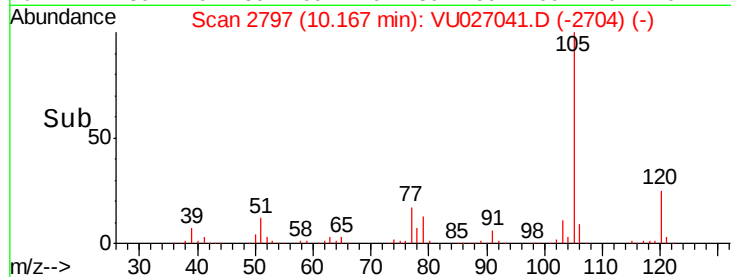
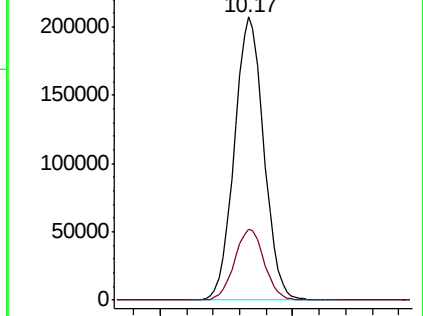
105 100

120 25.3 12.8 38.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 55.435 ug/l

RT: 10.02 min Scan# 2750

Delta R.T. 0.00 min

Lab File: VU027041.D

Acq: 23 Sep 2018 01:28

Tgt Ion: 43 Resp: 185863

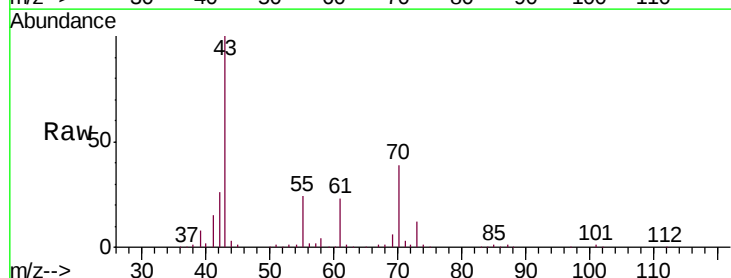
Ion Ratio Lower Upper

43 100

70 39.2 31.8 47.8

55 24.0 19.9 29.9

61 23.0 18.4 27.6

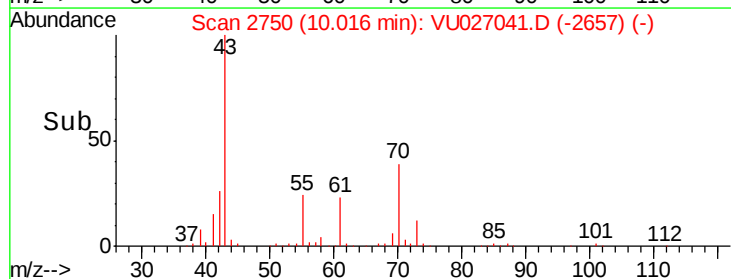
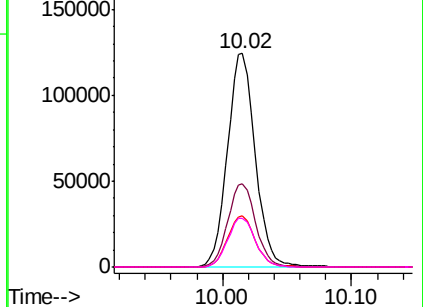


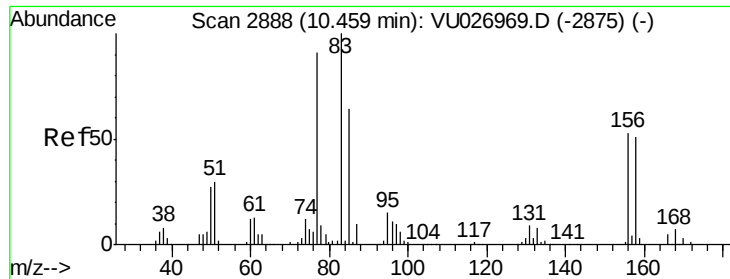
Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 70.00 (69.70 to 70.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 61.00 (60.70 to 61.70): VU0





#75

1,1,2,2-Tetrachloroethane

Concen: 46.715 ug/l

RT: 10.46 min Scan# 2888

Delta R.T. 0.00 min

Lab File: VU027041.D

Acq: 23 Sep 2018 01:28

Instrument :

MSVOA_U

ClientSampleId :

BFB

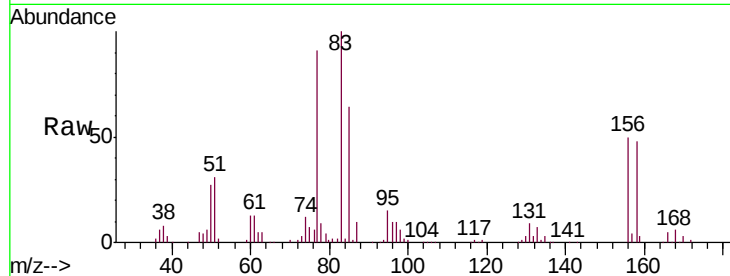
Tgt Ion: 83 Resp: 124408

Ion Ratio Lower Upper

83 100

131 8.4 4.3 12.8

85 64.4 31.9 95.7

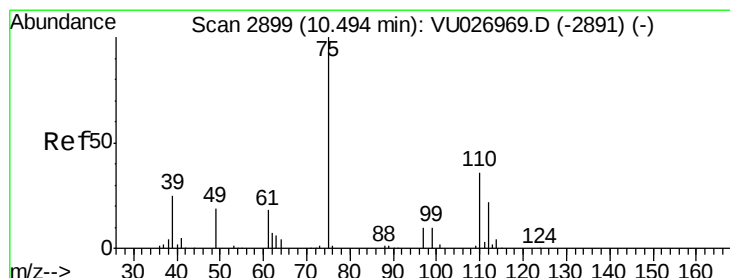
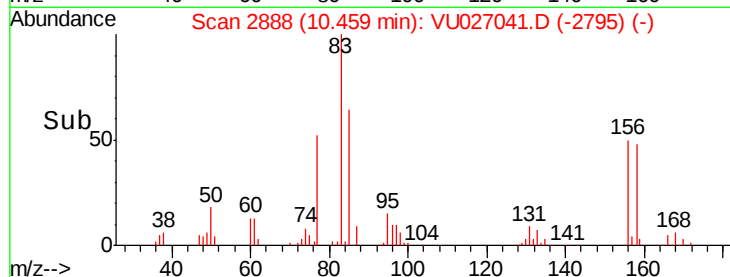


Abundance Ion 82.90 (82.60 to 83.60): VU026969.D (-2875) (-)

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

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

Time-->



#76

1,2,3-Trichloropropane

Concen: 64.309 ug/l

RT: 10.49 min Scan# 2899

Delta R.T. 0.00 min

Lab File: VU027041.D

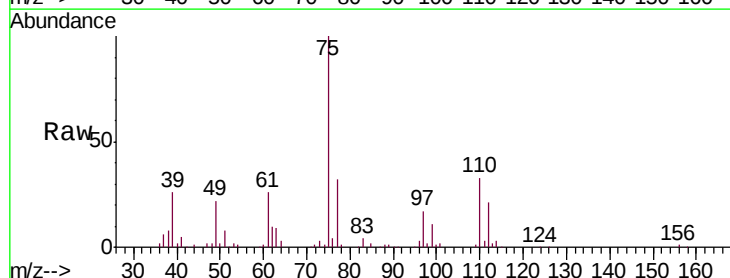
Acq: 23 Sep 2018 01:28

Tgt Ion: 75 Resp: 148763

Ion Ratio Lower Upper

75 100

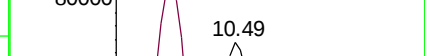
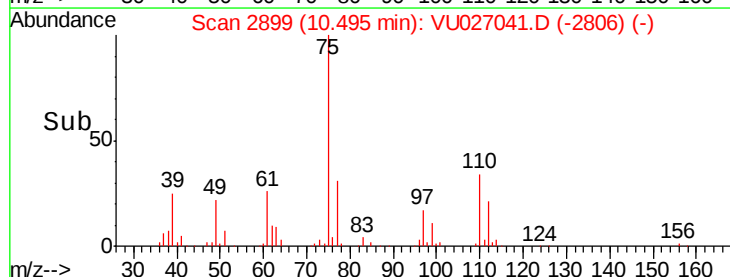
77 31.1 20.9 62.8

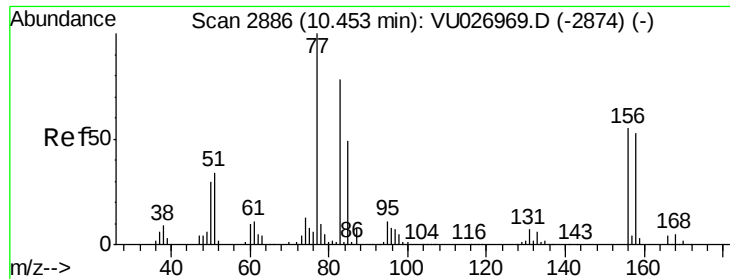


Abundance Ion 74.90 (74.60 to 75.60): VU026969.D (-2891) (-)

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

Time-->





#77

Bromobenzene

Concen: 51.107 ug/l

RT: 10.45 min Scan# 2886

Delta R.T. 0.00 min

Lab File: VU027041.D

Acq: 23 Sep 2018 01:28

Instrument :

MSVOA_U

ClientSampleId :

BFB

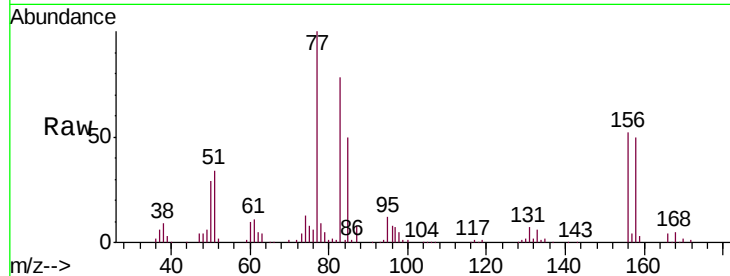
Tgt Ion:156 Resp: 72339

Ion Ratio Lower Upper

156 100

77 189.9 92.3 276.9

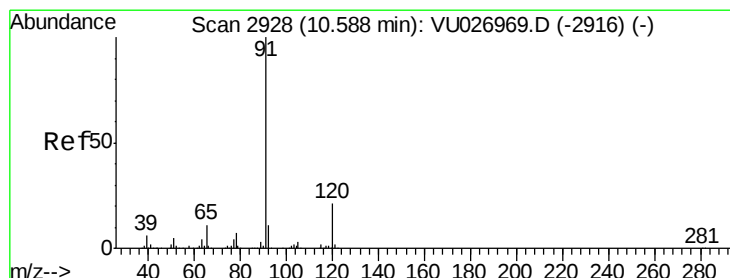
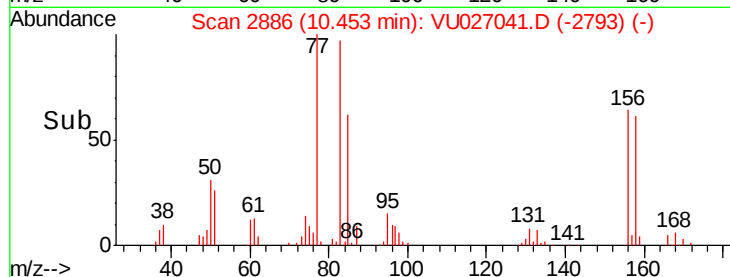
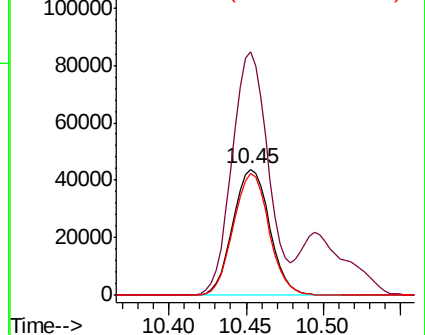
158 94.3 48.1 144.3



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: 56.324 ug/l

RT: 10.59 min Scan# 2928

Delta R.T. 0.00 min

Lab File: VU027041.D

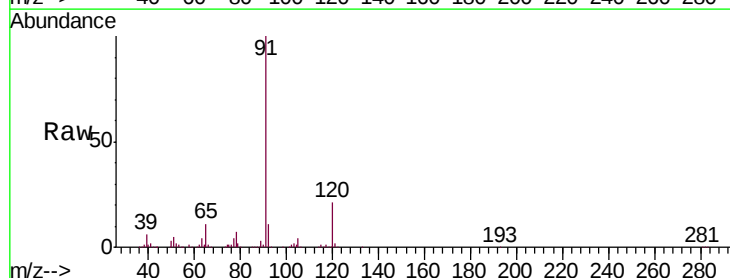
Acq: 23 Sep 2018 01:28

Tgt Ion: 91 Resp: 386019

Ion Ratio Lower Upper

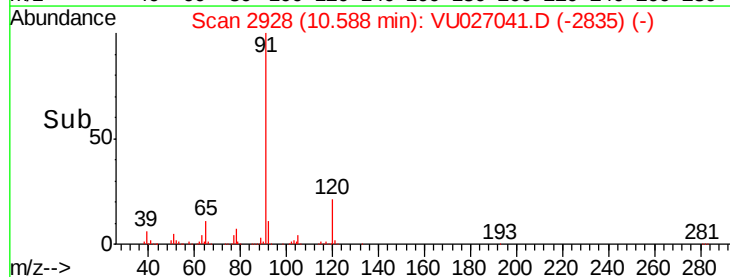
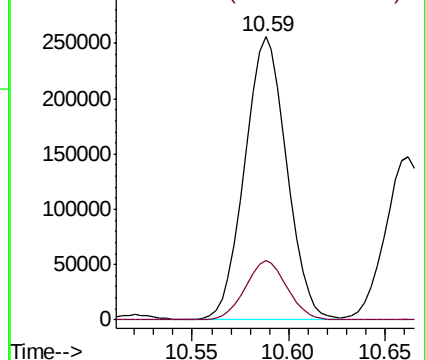
91 100

120 20.9 10.6 31.8



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V

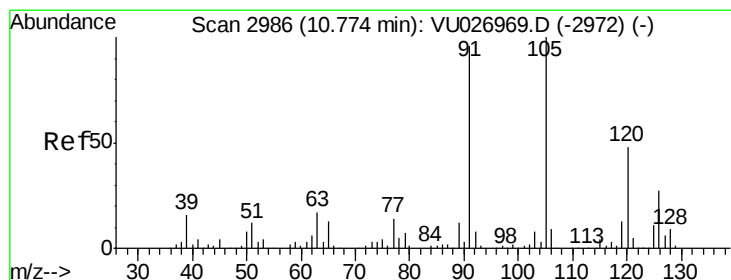
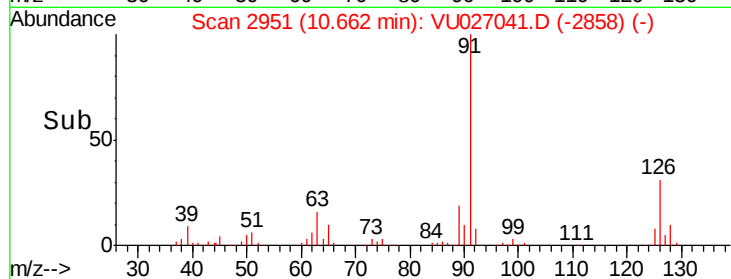
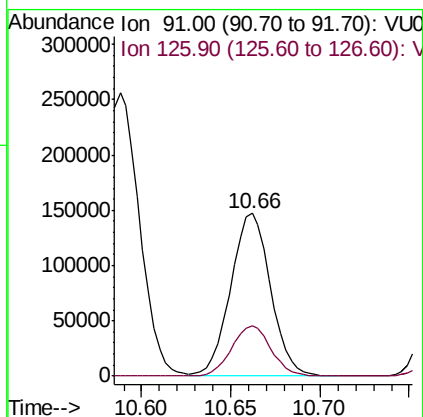
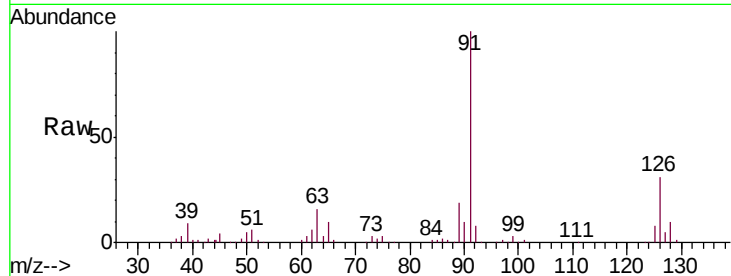




#79
 2-Chlorotoluene
 Concen: 53.045 ug/l
 RT: 10.66 min Scan# 2951
 Delta R.T. 0.00 min
 Lab File: VU027041.D
 Acq: 23 Sep 2018 01:28

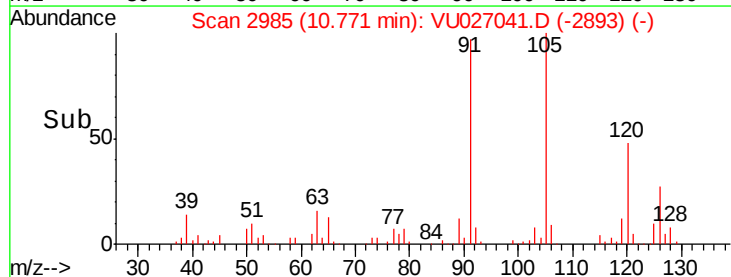
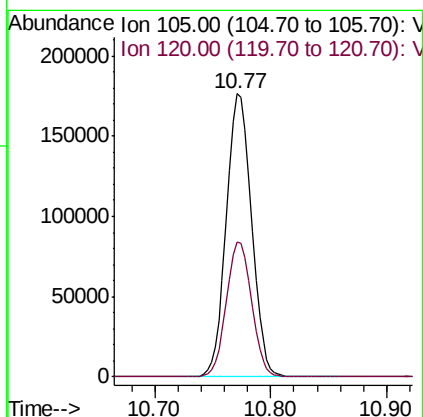
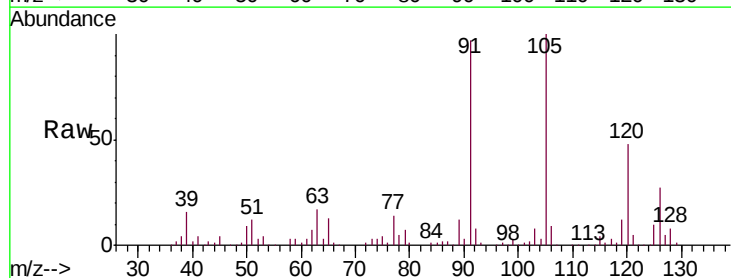
Instrument :
 MSVOA_U
 ClientSampled :
 BFB

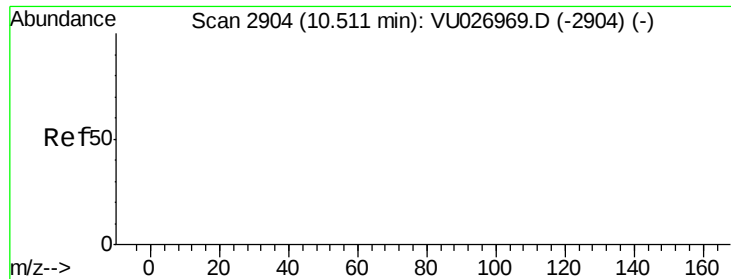
Tgt Ion: 91 Resp: 228354
 Ion Ratio Lower Upper
 91 100
 126 30.9 15.8 47.3



#80
 1,3,5-Trimethylbenzene
 Concen: 55.451 ug/l
 RT: 10.77 min Scan# 2985
 Delta R.T. -0.00 min
 Lab File: VU027041.D
 Acq: 23 Sep 2018 01:28

Tgt Ion: 105 Resp: 265132
 Ion Ratio Lower Upper
 105 100
 120 47.7 23.9 71.7





#81

trans-1,4-Dichloro-2-butene

Concen: 205.799 ug/l

RT: 10.49 min Scan# 2899

Delta R.T. -0.02 min

Lab File: VU027041.D

Acq: 23 Sep 2018 01:28

Instrument :

MSVOA_U

ClientSampleId :

BFB

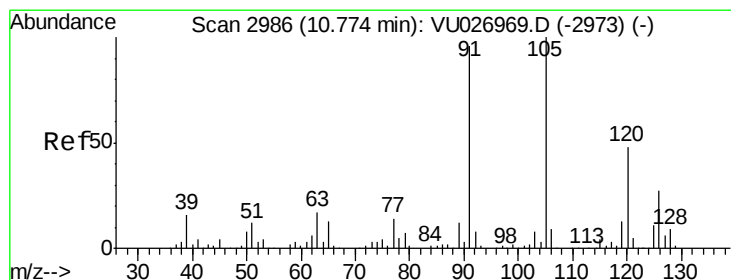
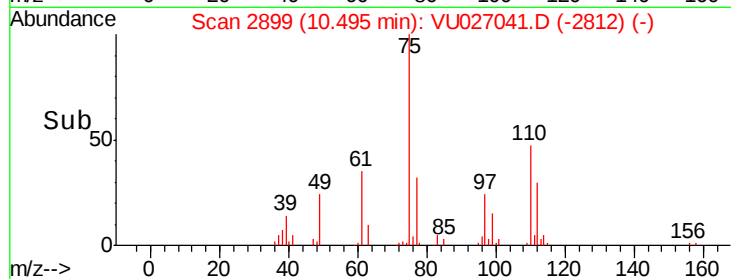
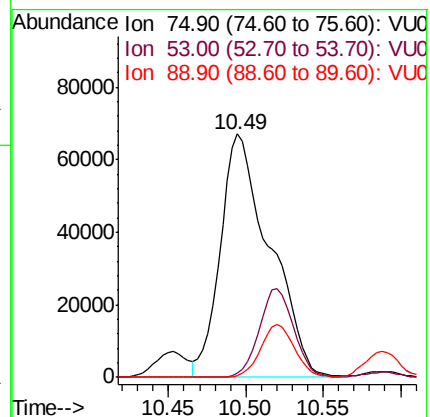
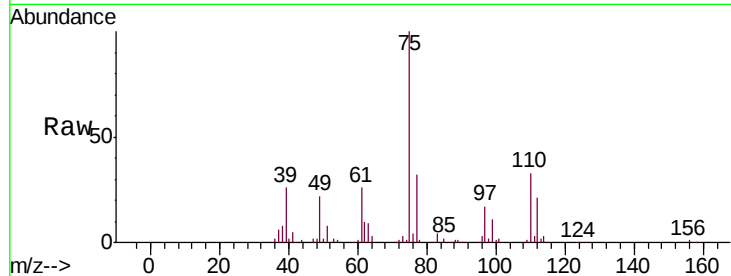
Tgt Ion: 75 Resp: 148763

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

89 0.0 0.0 0.0



#82

4-Chlorotoluene

Concen: 53.757 ug/l

RT: 10.77 min Scan# 2985

Delta R.T. -0.00 min

Lab File: VU027041.D

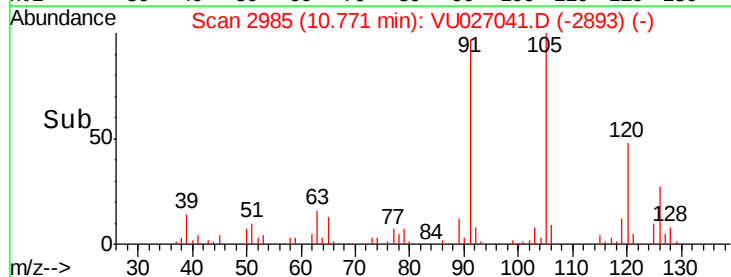
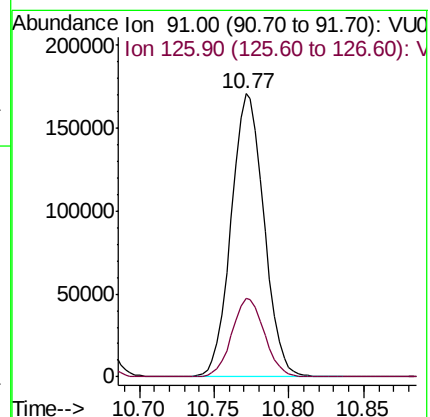
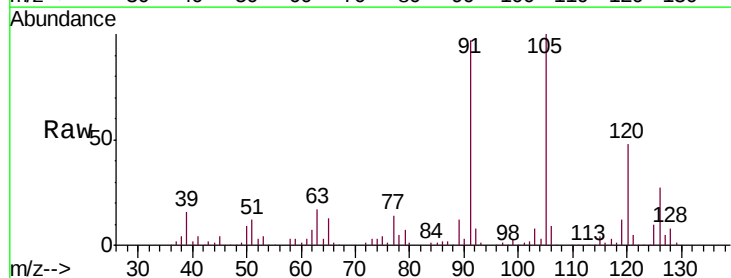
Acq: 23 Sep 2018 01:28

Tgt Ion: 91 Resp: 259486

Ion Ratio Lower Upper

91 100

126 27.6 14.1 42.2

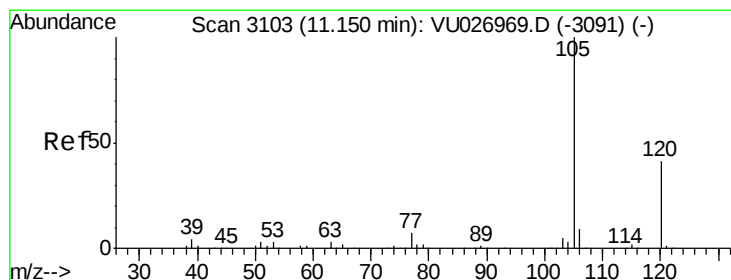
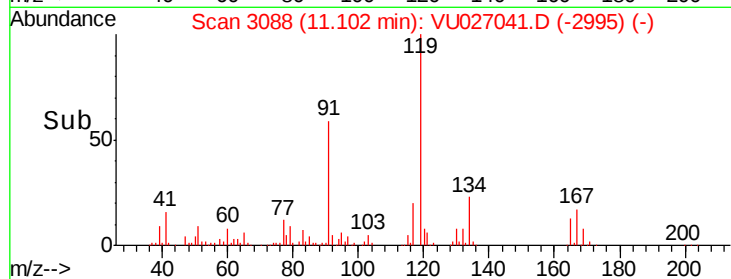
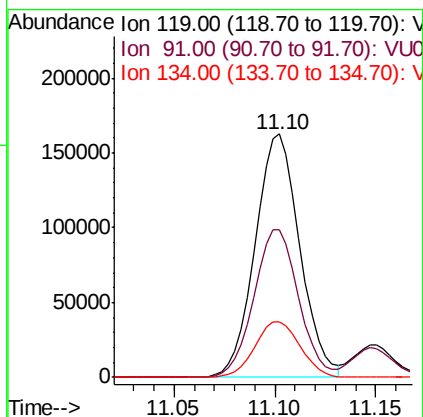
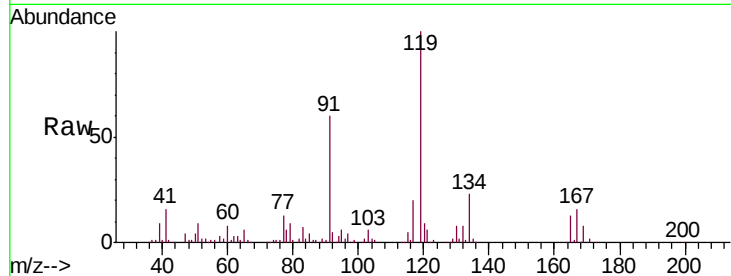




#83
 tert-Butylbenzene
 Concen: 53.097 ug/l
 RT: 11.10 min Scan# 3088
 Delta R.T. 0.00 min
 Lab File: VU027041.D
 Acq: 23 Sep 2018 01:28

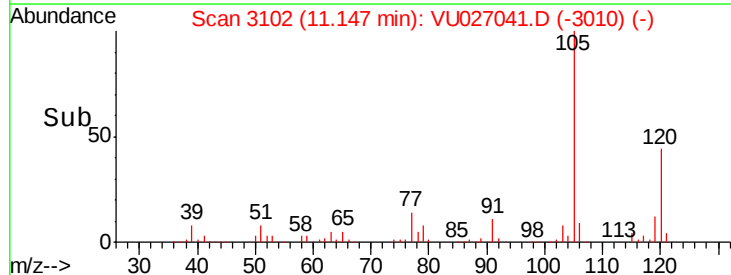
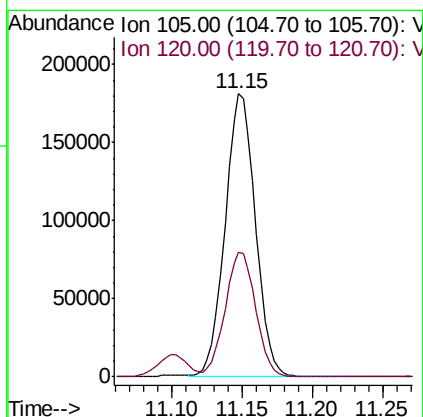
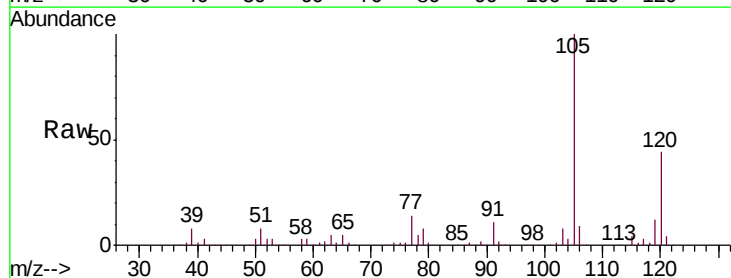
Instrument :
 MSVOA_U
 ClientSampleId :
 BFB

Tgt Ion:119 Resp: 250998
 Ion Ratio Lower Upper
 119 100
 91 60.8 29.8 89.4
 134 23.3 11.5 34.4



#84
 1,2,4-Trimethylbenzene
 Concen: 55.770 ug/l
 RT: 11.15 min Scan# 3102
 Delta R.T. -0.00 min
 Lab File: VU027041.D
 Acq: 23 Sep 2018 01:28

Tgt Ion:105 Resp: 271376
 Ion Ratio Lower Upper
 105 100
 120 44.4 22.4 67.2

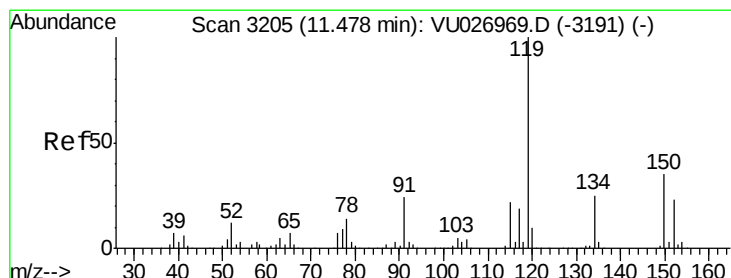
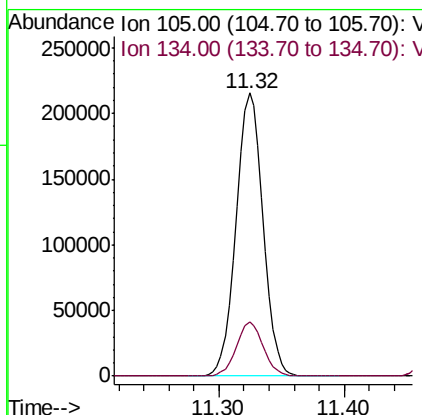
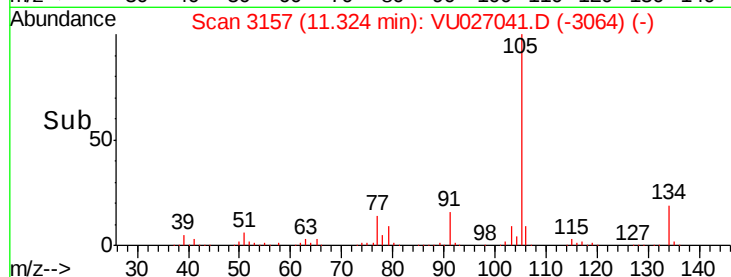
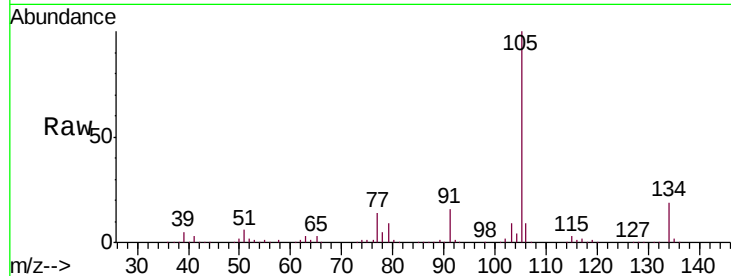




#85
 sec-Butylbenzene
 Concen: 55.709 ug/l
 RT: 11.32 min Scan# 3157
 Delta R.T. 0.00 min
 Lab File: VU027041.D
 Acq: 23 Sep 2018 01:28

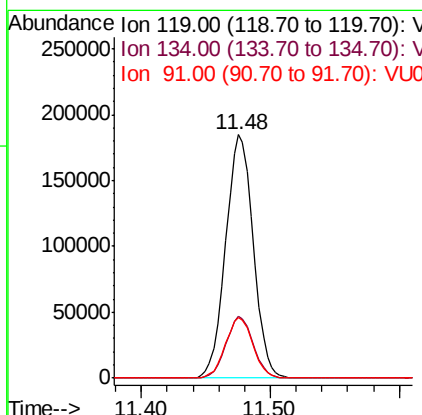
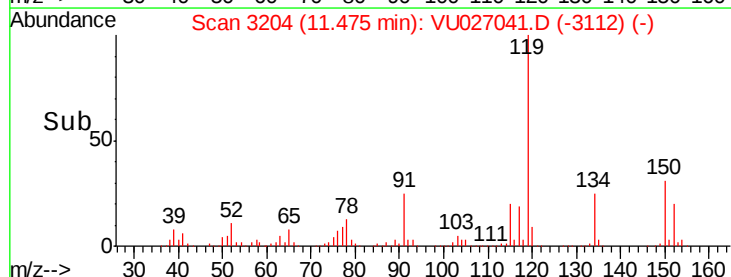
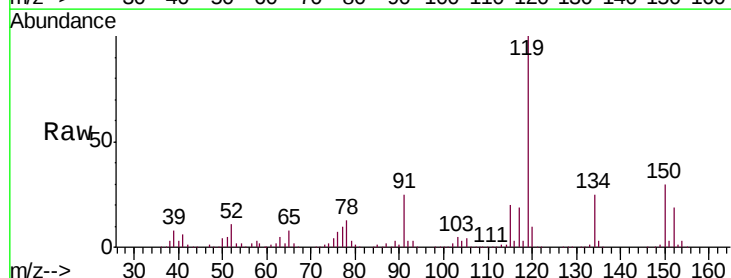
Instrument :
 MSVOA_U
 ClientSampleId :
 BFB

Tgt Ion:105 Resp: 321464
 Ion Ratio Lower Upper
 105 100
 134 19.0 9.4 28.2



#86
 p-Isopropyltoluene
 Concen: 50.431 ug/l
 RT: 11.48 min Scan# 3204
 Delta R.T. -0.00 min
 Lab File: VU027041.D
 Acq: 23 Sep 2018 01:28

Tgt Ion:119 Resp: 273108
 Ion Ratio Lower Upper
 119 100
 134 25.0 12.8 38.3
 91 24.7 12.3 36.8

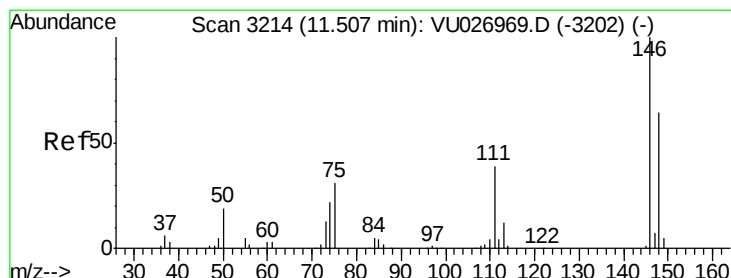
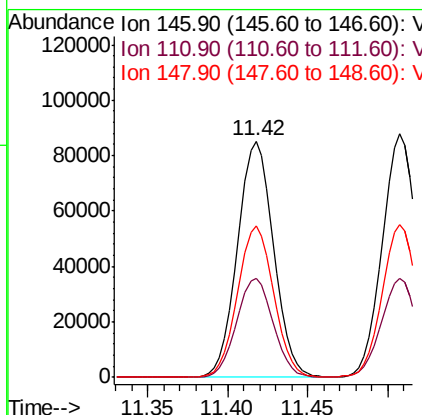
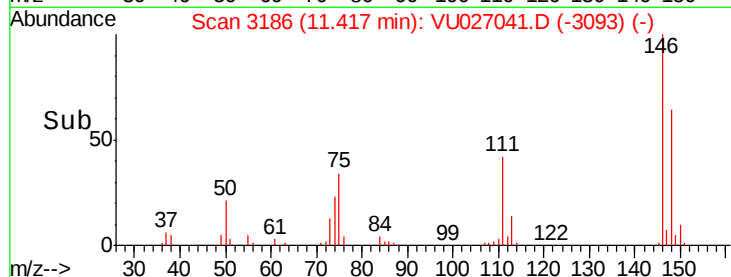
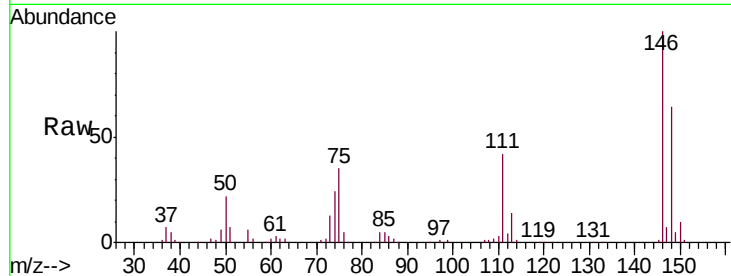




#87
 1,3-Dichlorobenzene
 Concen: 49.727 ug/l
 RT: 11.42 min Scan# 3186
 Delta R.T. 0.00 min
 Lab File: VU027041.D
 Acq: 23 Sep 2018 01:28

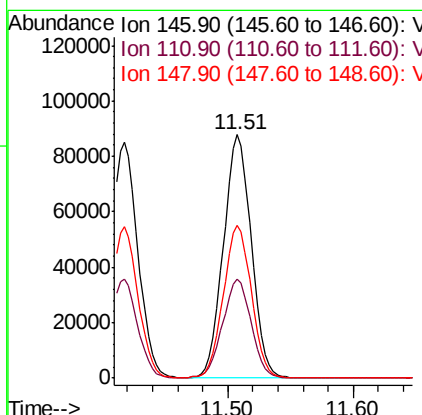
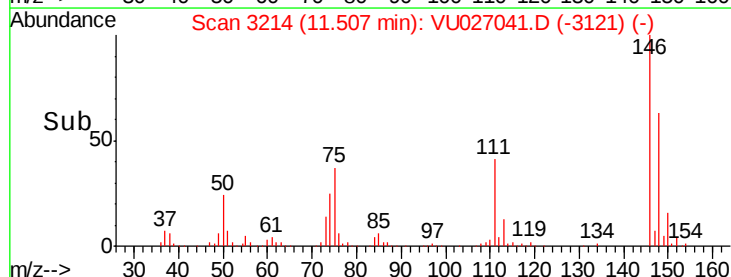
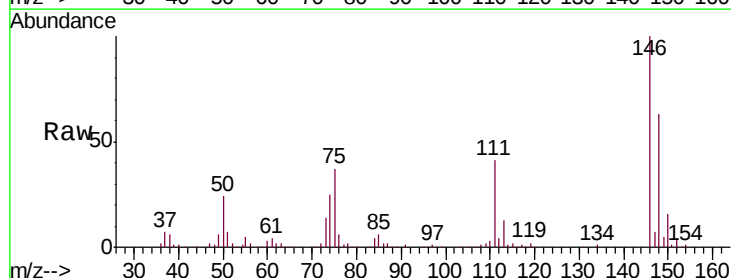
Instrument :
 MSVOA_U
 ClientSampled :
 BFB

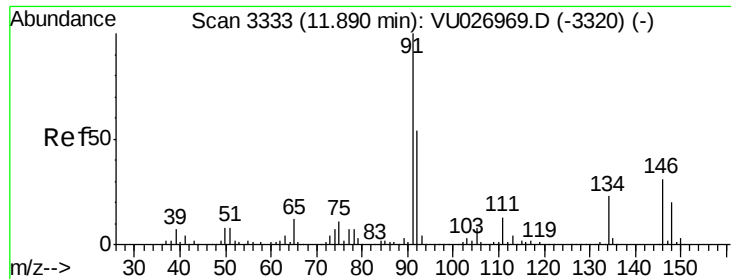
Tgt Ion:146 Resp: 130980
 Ion Ratio Lower Upper
 146 100
 111 42.2 20.8 62.2
 148 64.1 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 47.177 ug/l
 RT: 11.51 min Scan# 3214
 Delta R.T. 0.00 min
 Lab File: VU027041.D
 Acq: 23 Sep 2018 01:28

Tgt Ion:146 Resp: 135433
 Ion Ratio Lower Upper
 146 100
 111 41.7 20.3 60.9
 148 63.0 31.9 95.9

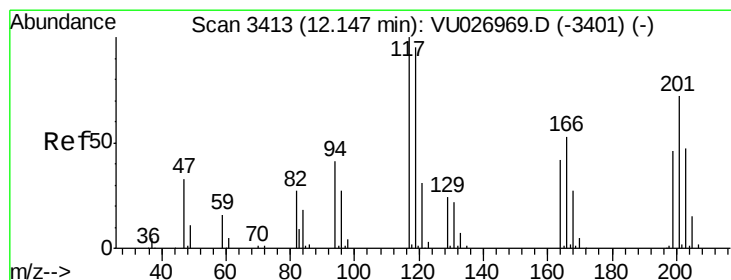
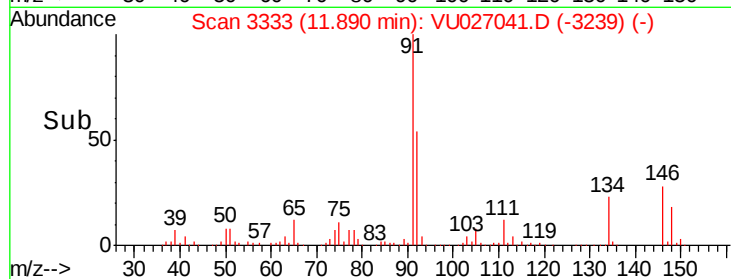
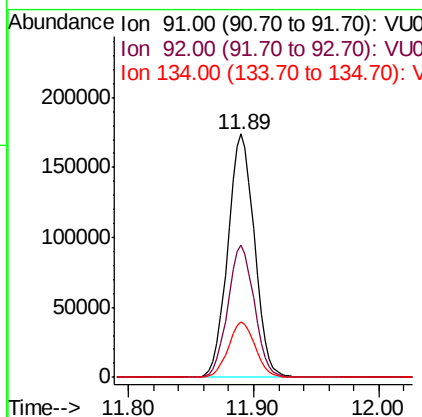
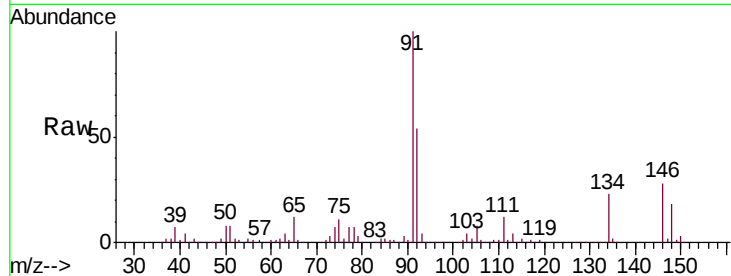




#89
n-Butylbenzene
Concen: 49.031 ug/l
RT: 11.89 min Scan# 3333
Delta R.T. 0.00 min
Lab File: VU027041.D
Acq: 23 Sep 2018 01:28

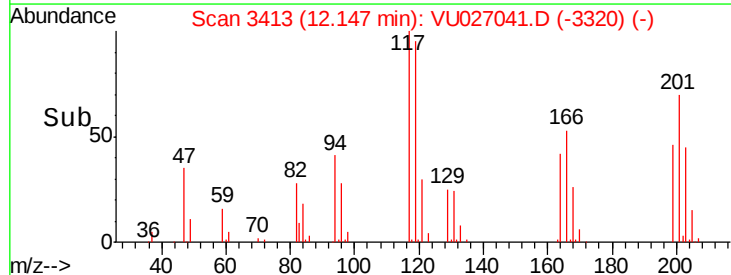
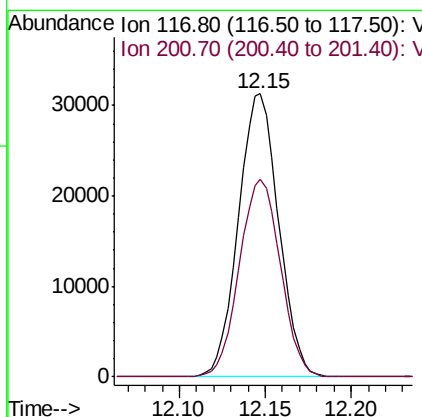
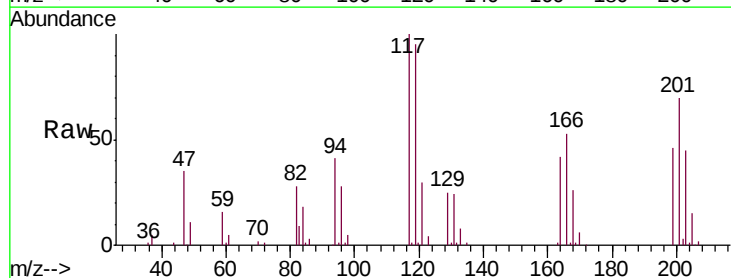
Instrument :
MSVOA_U
ClientSampleId :
BFB

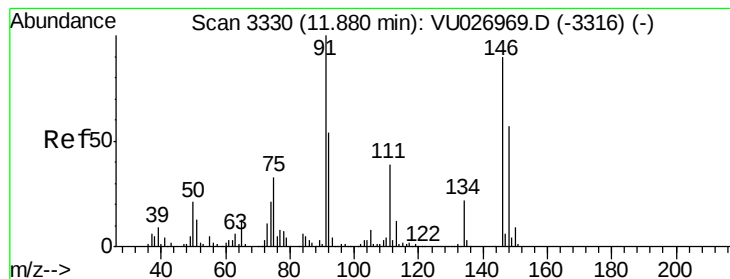
Tgt Ion: 91 Resp: 257096
Ion Ratio Lower Upper
91 100
92 53.9 27.1 81.2
134 22.8 11.7 35.0



#90
Hexachloroethane
Concen: 48.507 ug/l
RT: 12.15 min Scan# 3413
Delta R.T. 0.00 min
Lab File: VU027041.D
Acq: 23 Sep 2018 01:28

Tgt Ion: 117 Resp: 50900
Ion Ratio Lower Upper
117 100
201 71.3 36.8 110.3





#91

1,2-Dichlorobenzene

Concen: 47.795 ug/l

RT: 11.88 min Scan# 3330

Delta R.T. 0.00 min

Lab File: VU027041.D

Acq: 23 Sep 2018 01:28

Instrument :

MSVOA_U

ClientSampleId :

BFB

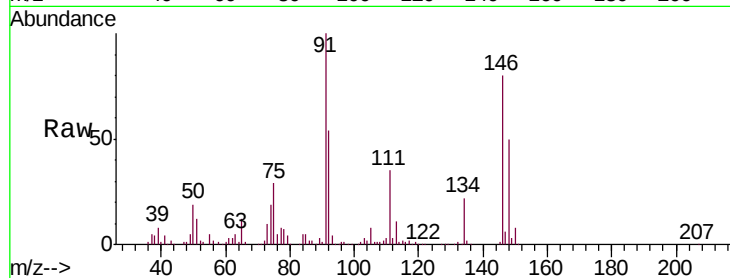
Tgt Ion:146 Resp: 133726

Ion Ratio Lower Upper

146 100

111 44.0 21.8 65.3

148 62.9 31.9 95.7

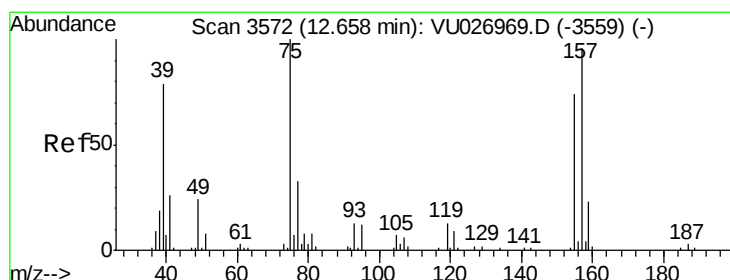
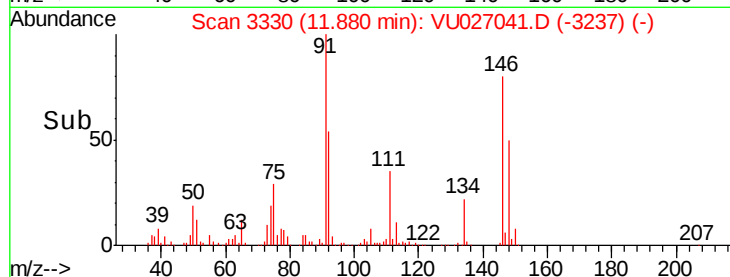
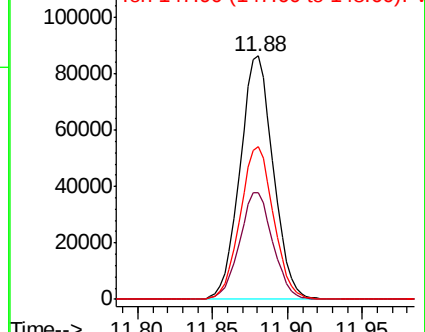


Abundance

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: 50.712 ug/l

RT: 12.66 min Scan# 3571

Delta R.T. -0.00 min

Lab File: VU027041.D

Acq: 23 Sep 2018 01:28

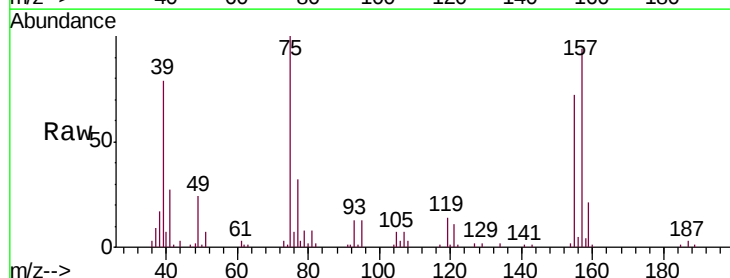
Tgt Ion: 75 Resp: 27551

Ion Ratio Lower Upper

75 100

155 73.5 36.6 109.8

157 93.2 47.4 142.2

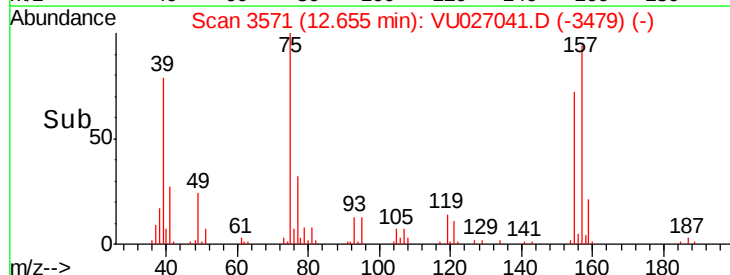
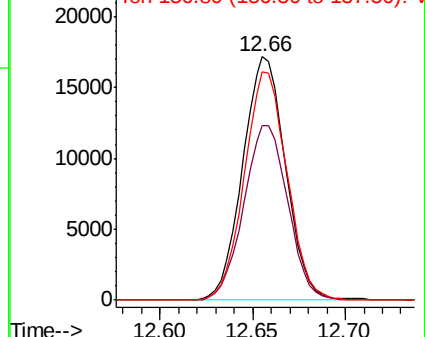


Abundance

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

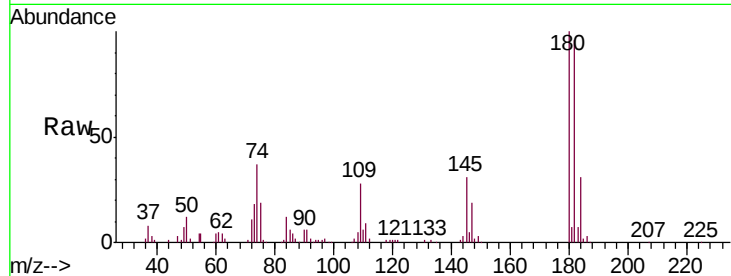




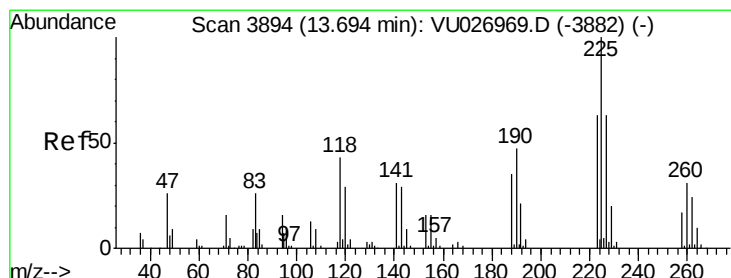
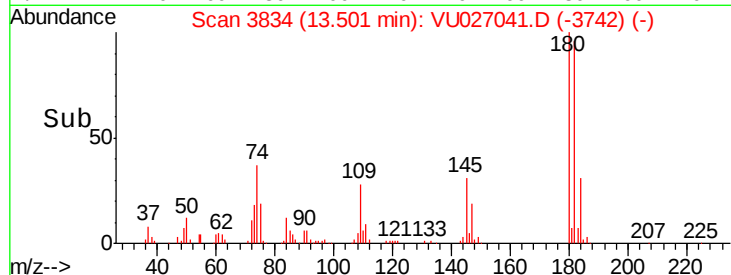
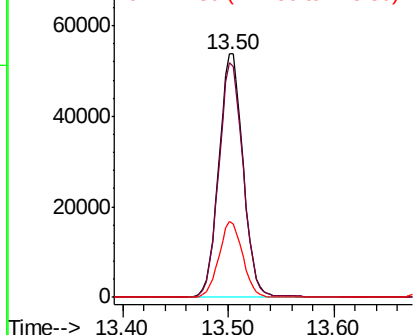
#93
 1,2,4-Trichlorobenzene
 Concen: 53.153 ug/l
 RT: 13.50 min Scan# 3834
 Delta R.T. -0.00 min
 Lab File: VU027041.D
 Acq: 23 Sep 2018 01:28

Instrument :
 MSVOA_U
 ClientSampleId :
 BFB

Tgt Ion:180 Resp: 85702
 Ion Ratio Lower Upper
 180 100
 182 96.5 47.4 142.2
 145 30.5 14.9 44.5

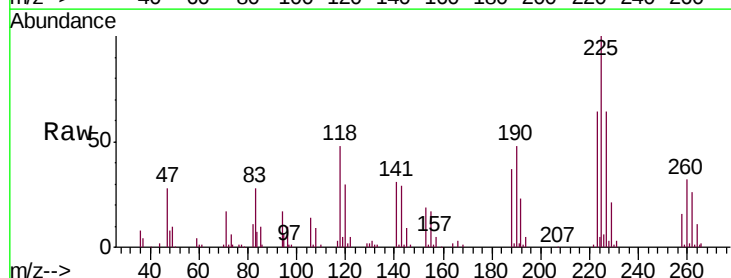


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

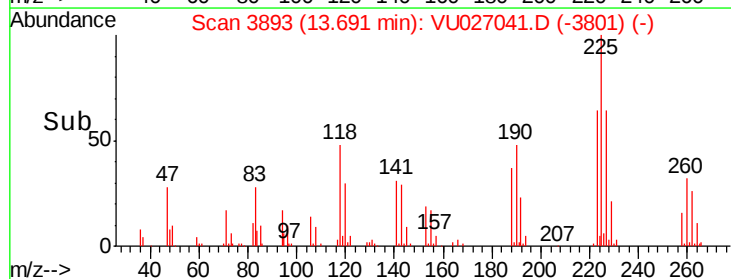
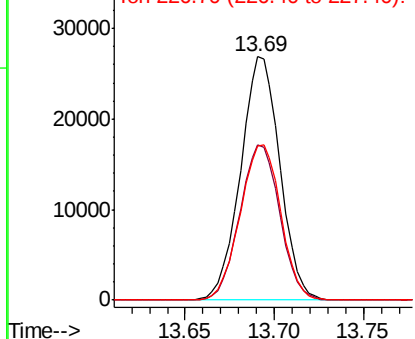


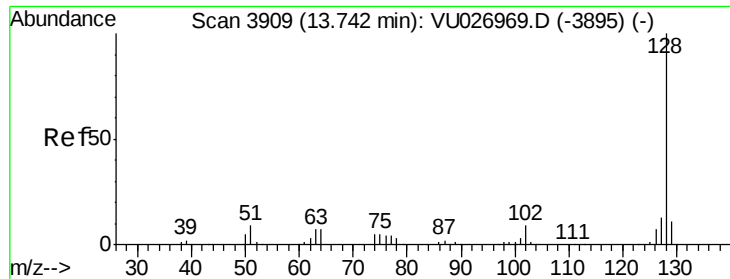
#94
 Hexachlorobutadiene
 Concen: 48.372 ug/l
 RT: 13.69 min Scan# 3893
 Delta R.T. -0.00 min
 Lab File: VU027041.D
 Acq: 23 Sep 2018 01:28

Tgt Ion:225 Resp: 41267
 Ion Ratio Lower Upper
 225 100
 223 64.8 31.9 95.7
 227 65.9 32.1 96.5



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

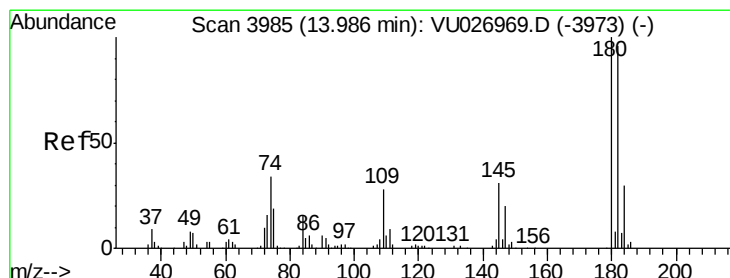
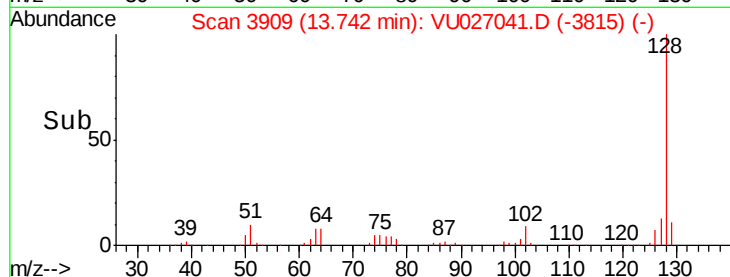
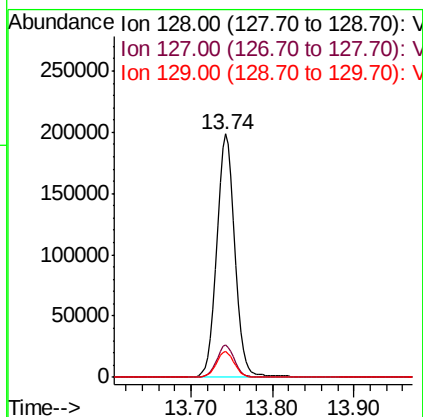
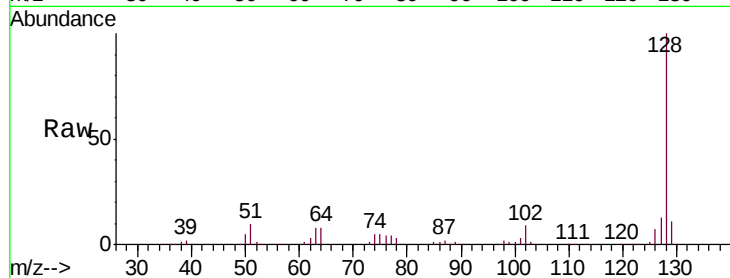




#95
Naphthalene
Concen: 49.709 ug/l
RT: 13.74 min Scan# 3909
Delta R.T. 0.00 min
Lab File: VU027041.D
Acq: 23 Sep 2018 01:28

Instrument :
MSVOA_U
ClientSampleId :
BFB

Tgt Ion:128 Resp: 313306
Ion Ratio Lower Upper
128 100
127 13.2 10.6 15.8
129 10.7 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 52.591 ug/l
RT: 13.99 min Scan# 3985
Delta R.T. 0.00 min
Lab File: VU027041.D
Acq: 23 Sep 2018 01:28

Tgt Ion:180 Resp: 90934
Ion Ratio Lower Upper
180 100
182 95.4 47.5 142.5
145 31.8 15.4 46.4

