

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092618\
 Data File : VU027163.D
 Acq On : 26 Sep 2018 09:19
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFB

Quant Time: Sep 27 01:04:05 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	78314	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	133554	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	127507	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	69557	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	78169	49.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.18%	
35) Dibromofluoromethane	4.88	113	54773	47.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.62%	
50) Toluene-d8	7.57	98	205714	46.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.26%	
62) 4-Bromofluorobenzene	10.31	95	76271	50.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.76%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.21	85	44577	43.596	ug/l	99
3) Chloromethane	1.33	50	75728	42.957	ug/l	99
4) Vinyl Chloride	1.40	62	72310	43.942	ug/l	99
5) Bromomethane	1.61	94	53766	57.375	ug/l	97
6) Chloroethane	1.69	64	46743	44.457	ug/l	100
7) Trichlorofluoromethane	1.88	101	82720	44.260	ug/l	99
8) Diethyl Ether	2.10	74	42617	47.373	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	2.28	101	52464	45.654	ug/l	98
10) Methyl Iodide	2.41	142	48446	33.991	ug/l	98
11) Tert butyl alcohol	2.83	59	96467	267.017	ug/l	99
12) 1,1-Dichloroethene	2.28	96	47417	43.838	ug/l	93
13) Acrolein	2.19	56	75646	388.423	ug/l	98
14) Allyl chloride	2.59	41	120377	54.871	ug/l	98
15) Acrylonitrile	2.94	53	245313	269.411	ug/l	99
16) Acetone	2.32	43	260559	315.554	ug/l	100
17) Carbon Disulfide	2.47	76	146175	41.485	ug/l	100
18) Methyl Acetate	2.61	43	130847	58.324	ug/l	99
19) Methyl tert-butyl Ether	3.00	73	217926	54.828	ug/l	100
20) Methylene Chloride	2.70	84	65041	46.076	ug/l	92
21) trans-1,2-Dichloroethene	2.98	96	54384	47.093	ug/l	97
22) Diisopropyl ether	3.57	45	269742	57.485	ug/l	97
23) Vinyl Acetate	3.52	43	1162036	290.518	ug/l	99
24) 1,1-Dichloroethane	3.44	63	132559	51.293	ug/l	98
25) 2-Butanone	4.26	43	368944	278.529	ug/l	98
26) 2,2-Dichloropropane	4.22	77	104790	51.992	ug/l	99
27) cis-1,2-Dichloroethene	4.22	96	65395	50.143	ug/l	95
28) Bromochloromethane	4.55	49	74262	59.611	ug/l	94
29) Tetrahydrofuran	4.64	42	225840	281.840	ug/l	97
30) Chloroform	4.67	83	119719	49.906	ug/l	99
31) Cyclohexane	5.00	56	114476	48.714	ug/l	98
32) 1,1,1-Trichloroethane	4.92	97	95824	50.030	ug/l	99
36) 1,1-Dichloropropene	5.13	75	84705	47.522	ug/l	99
37) Ethyl Acetate	4.38	43	129521	53.677	ug/l	98
38) Carbon Tetrachloride	5.13	117	79283	46.741	ug/l	97

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	100315	51.789	ug/l	97
40) Benzene	5.39	78	262671	48.476	ug/l	99
41) Methacrylonitrile	4.54	41	73838	58.922	ug/l	96
42) 1,2-Dichloroethane	5.40	62	105964	51.760	ug/l	98
43) Isopropyl Acetate	5.55	43	205287	58.337	ug/l	98
44) Trichloroethene	6.19	130	55101	47.766	ug/l	97
45) 1,2-Dichloropropane	6.43	63	80234	51.967	ug/l	99
46) Dibromomethane	6.56	93	46617	49.994	ug/l	97
47) Bromodichloromethane	6.76	83	95970	50.900	ug/l	96
48) Methyl methacrylate	6.62	41	101410	52.888	ug/l	98
49) 1,4-Dioxane	6.61	88	36935	970.971	ug/l	95
51) 4-Methyl-2-Pentanone	7.46	43	674685	285.071	ug/l	100
52) Toluene	7.64	92	158224	50.943	ug/l	99
53) t-1,3-Dichloropropene	7.88	75	111747	55.162	ug/l	98
54) cis-1,3-Dichloropropene	7.27	75	119065	53.455	ug/l	99
55) 1,1,2-Trichloroethane	8.07	97	67158	51.030	ug/l	99
56) Ethyl methacrylate	8.02	69	114597	50.177	ug/l	96
57) 1,3-Dichloropropane	8.24	76	127984	52.286	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.13	63	328452	253.383	ug/l	98
59) 2-Hexanone	8.36	43	527193	284.566	ug/l	98
60) Dibromochloromethane	8.48	129	66660	51.638	ug/l	99
61) 1,2-Dibromoethane	8.59	107	68605	50.102	ug/l	99
64) Tetrachloroethene	8.23	164	46181	47.002	ug/l	99
65) Chlorobenzene	9.12	112	163874	48.471	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	59322	50.943	ug/l	99
67) Ethyl Benzene	9.25	91	299178	53.814	ug/l	99
68) m/p-Xylenes	9.38	106	221003	98.186	ug/l	98
69) o-Xylene	9.78	106	107854	54.754	ug/l	98
70) Styrene	9.79	104	180676	49.156	ug/l	99
71) Bromoform	9.96	173	48778	54.167	ug/l #	99
73) Isopropylbenzene	10.17	105	292425	55.267	ug/l	100
74) N-amyl acetate	10.02	43	181268	59.185	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.46	83	121332	49.875	ug/l	100
76) 1,2,3-Trichloropropane	10.49	75	142827	67.591	ug/l	81
77) Bromobenzene	10.45	156	65589	50.727	ug/l	94
78) n-propylbenzene	10.59	91	354853	56.680	ug/l	99
79) 2-Chlorotoluene	10.66	91	210517	53.533	ug/l	99
80) 1,3,5-Trimethylbenzene	10.77	105	245277	56.157	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.49	75	142827	216.302	ug/l #	100
82) 4-Chlorotoluene	10.77	91	242062	54.897	ug/l	98
83) tert-Butylbenzene	11.10	119	236704	54.816	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	252244	56.748	ug/l	98
85) sec-Butylbenzene	11.32	105	297219	56.386	ug/l	100
86) p-Isopropyltoluene	11.48	119	253370	51.203	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	121801	50.622	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	124303	47.401	ug/l	98
89) n-Butylbenzene	11.89	91	233601	48.782	ug/l	99
90) Hexachloroethane	12.15	117	47624	49.683	ug/l	100
91) 1,2-Dichlorobenzene	11.88	146	124340	48.649	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	26728	53.856	ug/l	96

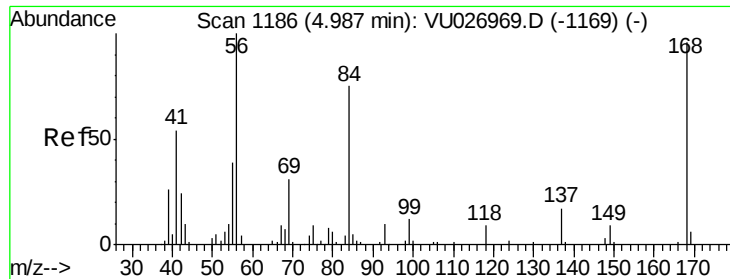
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.50	180	77400	52.551	ug/l	98
94) Hexachlorobutadiene	13.69	225	39174	50.267	ug/l	97
95) Naphthalene	13.74	128	282927	49.160	ug/l	100
96) 1,2,3-Trichlorobenzene	13.99	180	83668	52.972	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. -0.00 min

Lab File: VU027163.D

Acq: 26 Sep 2018 09:19

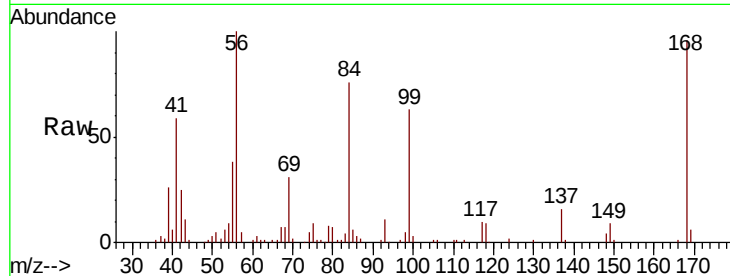
Instrument :
MSVOA_U
ClientSampleId :
BFB

Tgt Ion:168 Resp: 78314

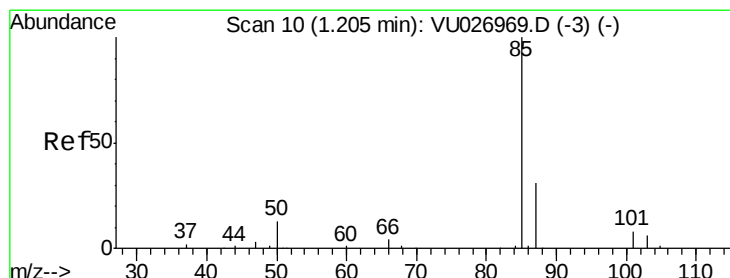
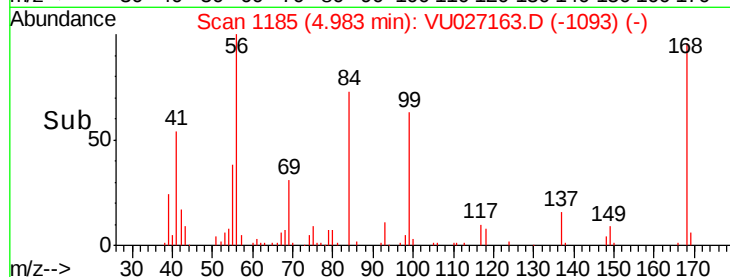
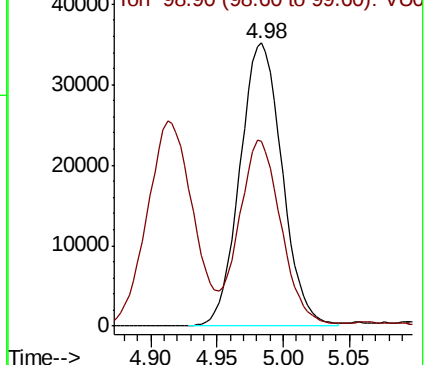
Ion Ratio Lower Upper

168 100

99 64.3 48.1 72.1



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



#2

Dichlorodifluoromethane

Concen: 43.596 ug/l

RT: 1.21 min Scan# 10

Delta R.T. -0.00 min

Lab File: VU027163.D

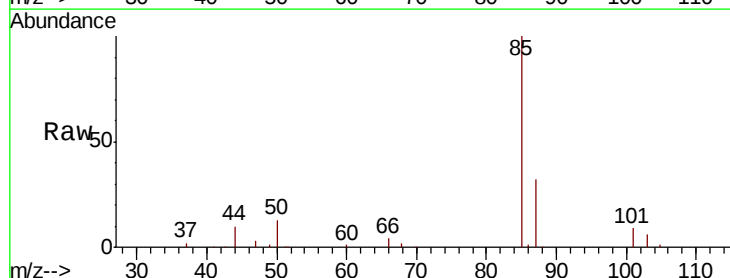
Acq: 26 Sep 2018 09:19

Tgt Ion: 85 Resp: 44577

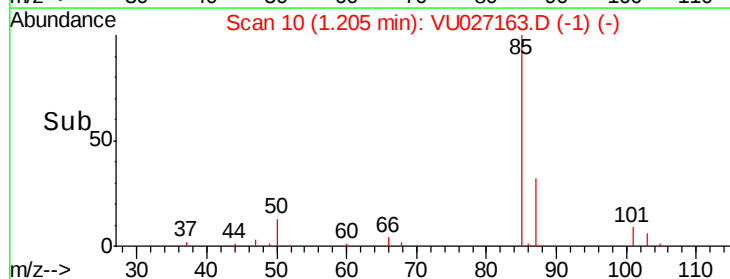
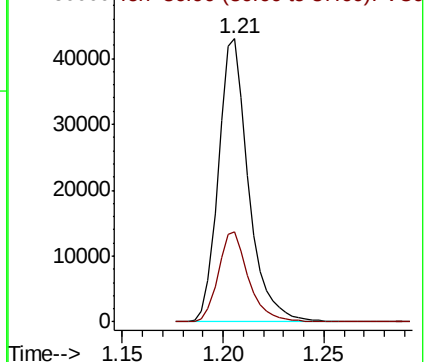
Ion Ratio Lower Upper

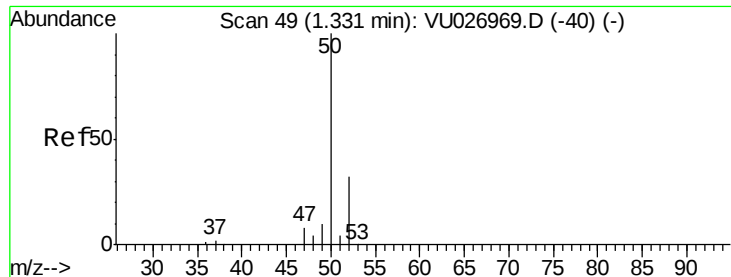
85 100

87 31.8 15.6 46.7



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





#3

Chloromethane

Concen: 42.957 ug/l

RT: 1.33 min Scan# 48

Delta R.T. -0.00 min

Lab File: VU027163.D

Acq: 26 Sep 2018 09:19

Instrument :

MSVOA_U

ClientSampleId :

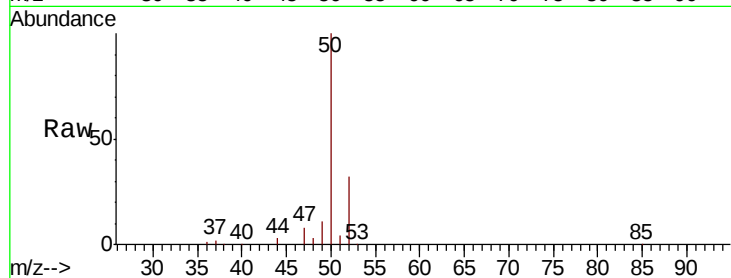
BFB

Tgt Ion: 50 Resp: 75728

Ion Ratio Lower Upper

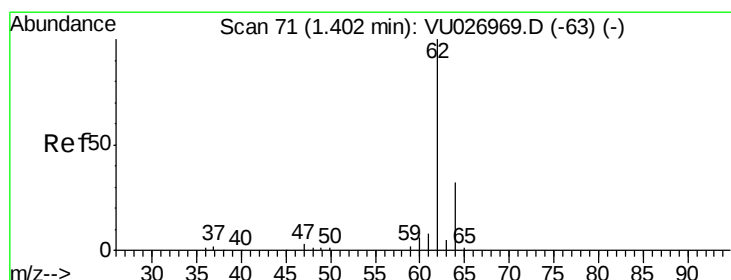
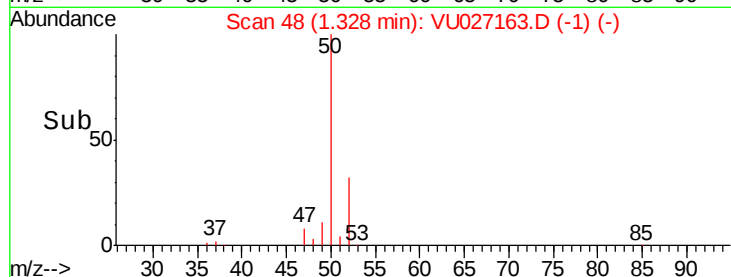
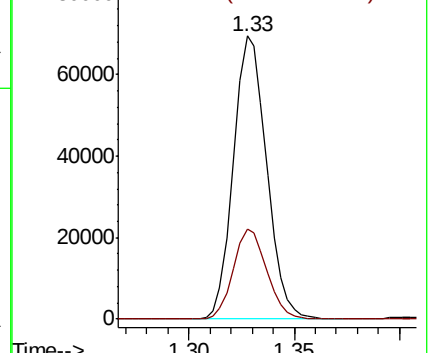
50 100

52 31.8 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VU027163.D (-1) (-)

Ion 51.90 (51.60 to 52.60): VU027163.D (-1) (-)



#4

Vinyl Chloride

Concen: 43.942 ug/l

RT: 1.40 min Scan# 71

Delta R.T. -0.00 min

Lab File: VU027163.D

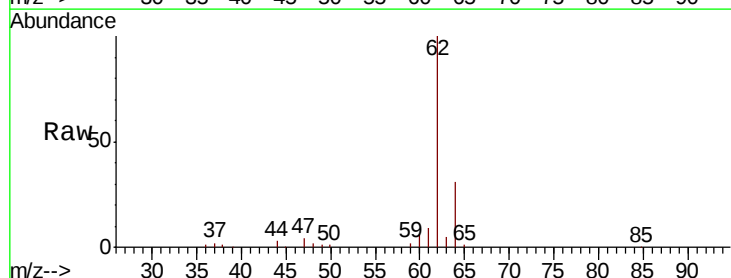
Acq: 26 Sep 2018 09:19

Tgt Ion: 62 Resp: 72310

Ion Ratio Lower Upper

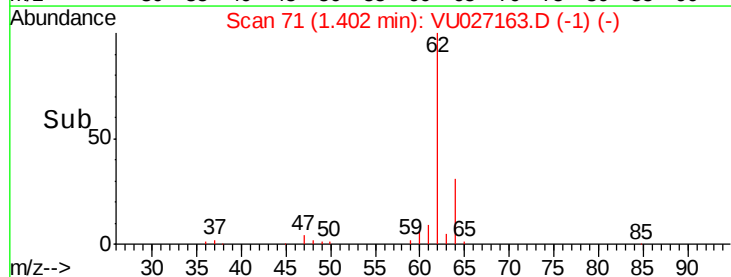
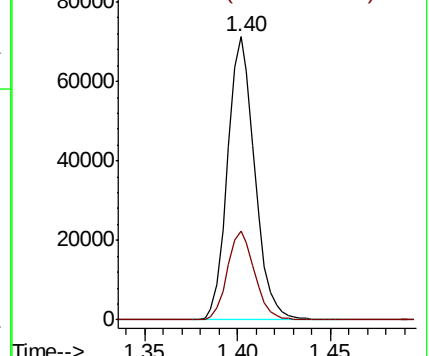
62 100

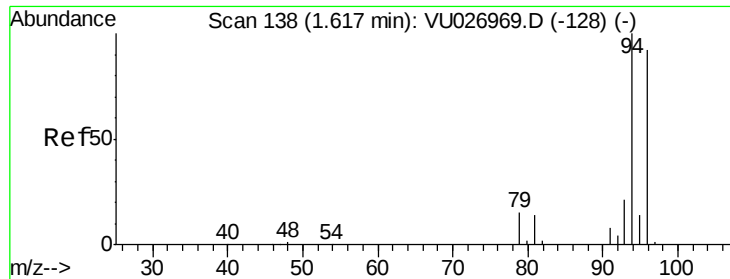
64 31.4 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VU027163.D (-1) (-)

Ion 63.90 (63.60 to 64.60): VU027163.D (-1) (-)

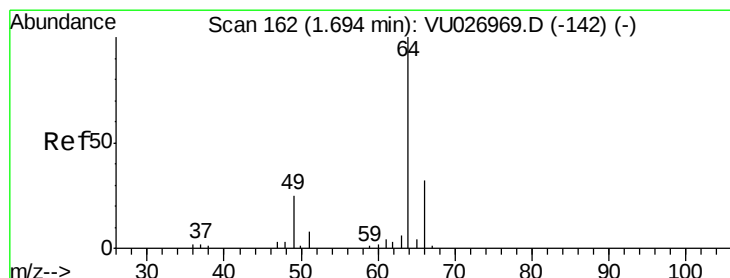
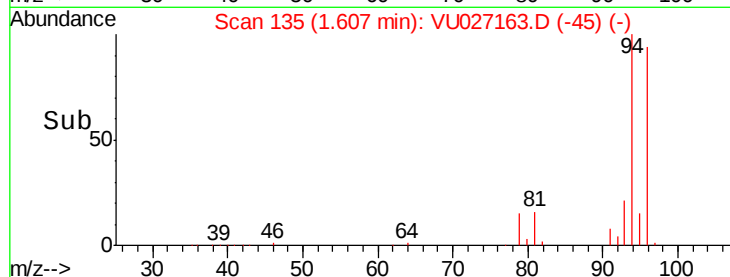
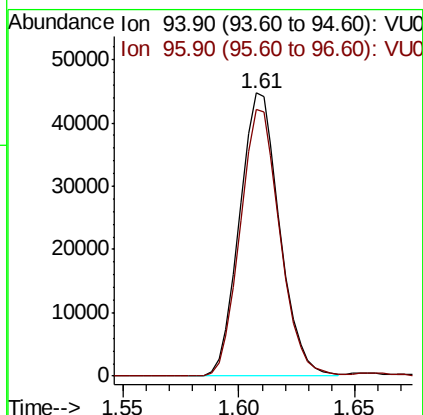
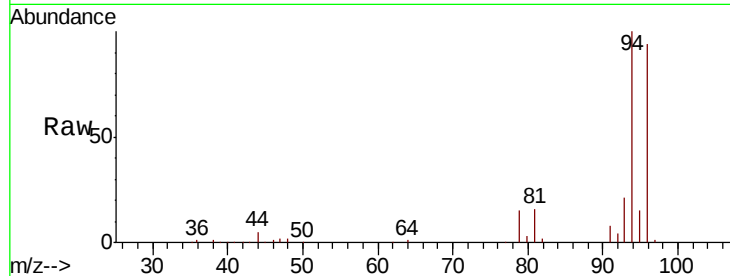




#5
Bromomethane
Concen: 57.375 ug/l
RT: 1.61 min Scan# 135
Delta R.T. -0.01 min
Lab File: VU027163.D
Acq: 26 Sep 2018 09:19

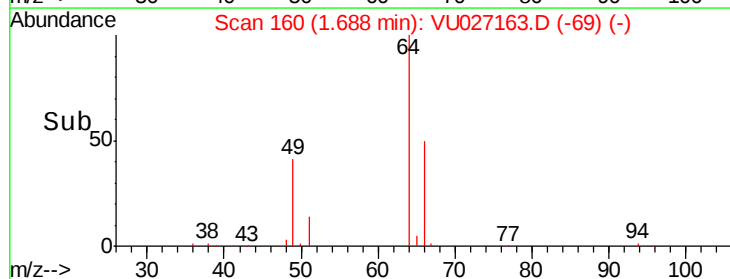
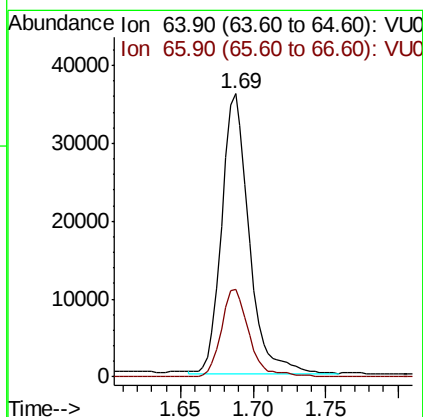
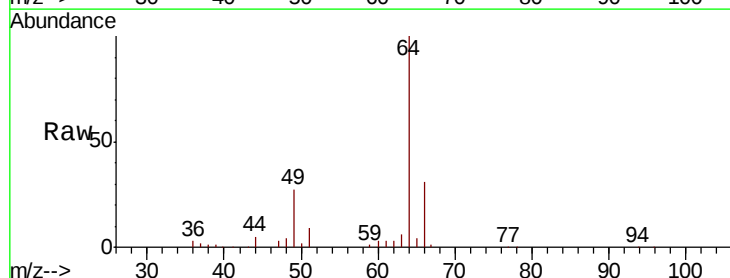
Instrument :
MSVOA_U
ClientSampleId :
BFB

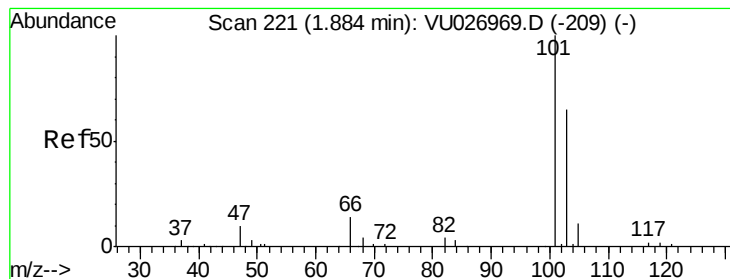
Tgt Ion: 94 Resp: 53766
Ion Ratio Lower Upper
94 100
96 94.2 73.2 109.8



#6
Chloroethane
Concen: 44.457 ug/l
RT: 1.69 min Scan# 160
Delta R.T. -0.01 min
Lab File: VU027163.D
Acq: 26 Sep 2018 09:19

Tgt Ion: 64 Resp: 46743
Ion Ratio Lower Upper
64 100
66 31.4 25.3 37.9



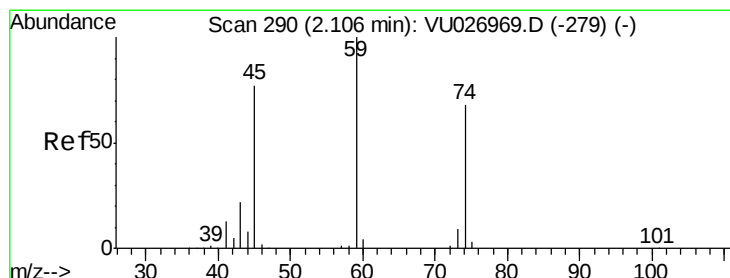
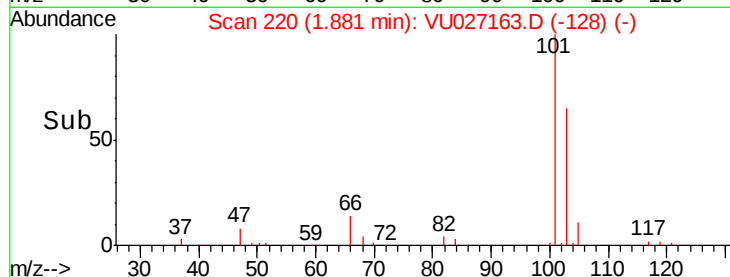
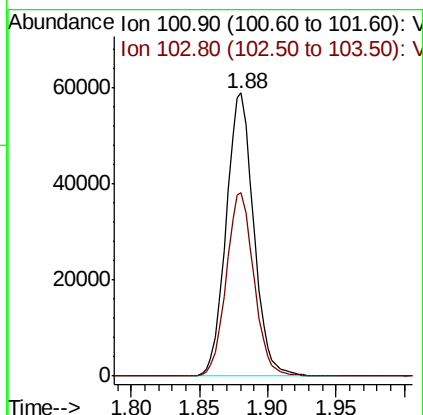
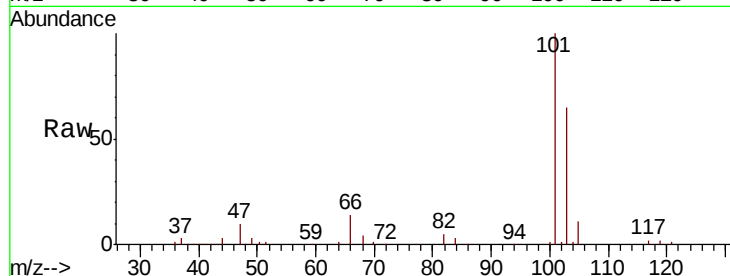


#7

Trichlorofluoromethane
 Concen: 44.260 ug/l
 RT: 1.88 min Scan# 220
 Delta R.T. -0.00 min
 Lab File: VU027163.D
 Acq: 26 Sep 2018 09:19

Instrument :
 MSVOA_U
 ClientSampleId :
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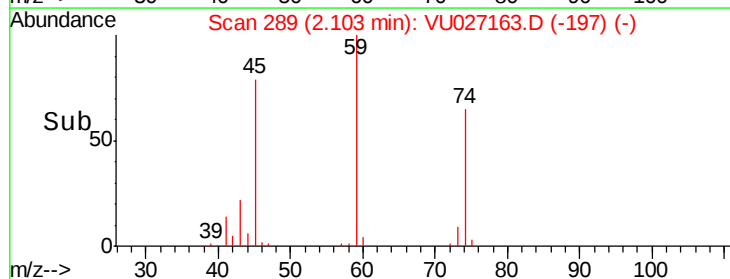
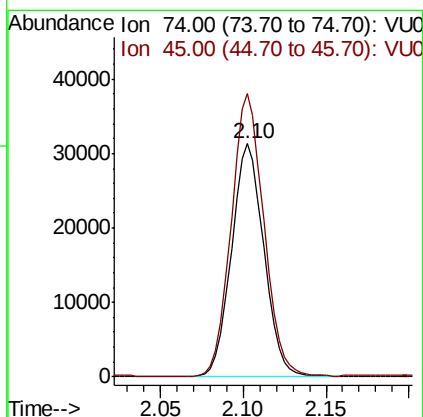
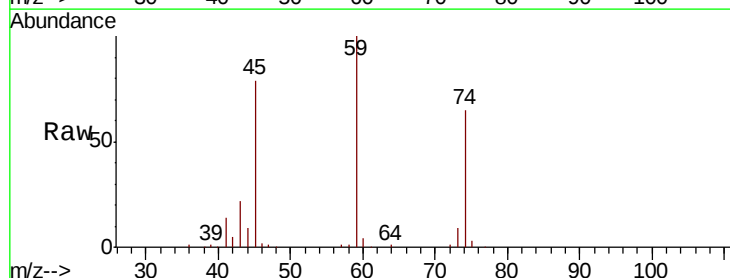
Tgt Ion: 101 Resp: 82720
 Ion Ratio Lower Upper
 101 100
 103 64.7 52.2 78.2

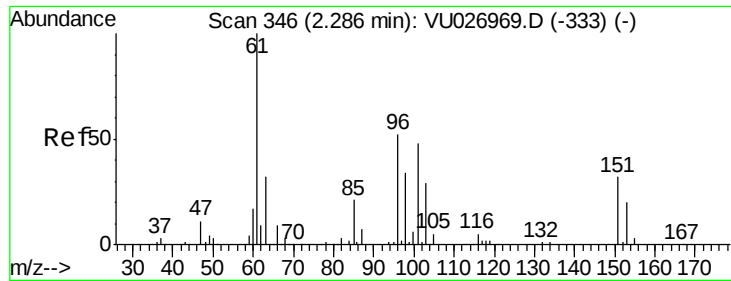


#8

Diethyl Ether
 Concen: 47.373 ug/l
 RT: 2.10 min Scan# 289
 Delta R.T. -0.00 min
 Lab File: VU027163.D
 Acq: 26 Sep 2018 09:19

Tgt Ion: 74 Resp: 42617
 Ion Ratio Lower Upper
 74 100
 45 122.6 56.9 170.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.654 ug/l

RT: 2.28 min Scan# 345

Delta R.T. -0.00 min

Lab File: VU027163.D

Acq: 26 Sep 2018 09:19

Instrument :

MSVOA_U

ClientSampleId :

BFB

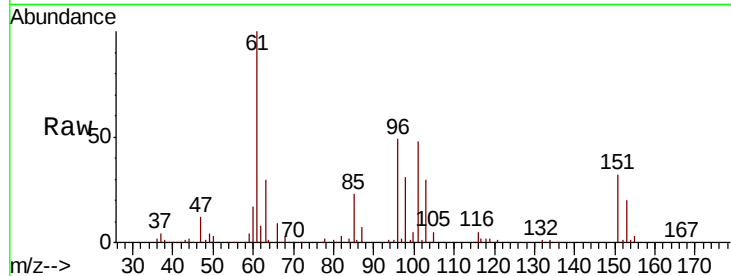
Tgt Ion:101 Resp: 52464

Ion Ratio Lower Upper

101 100

85 45.6 36.2 54.2

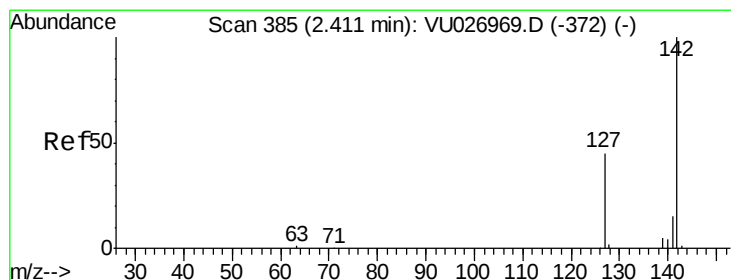
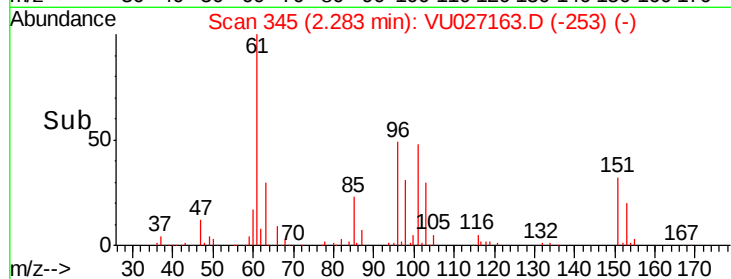
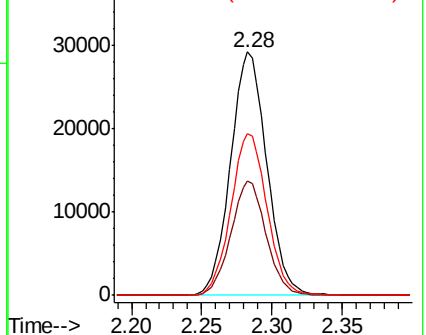
151 66.3 54.5 81.7



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VU0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 33.991 ug/l

RT: 2.41 min Scan# 384

Delta R.T. -0.00 min

Lab File: VU027163.D

Acq: 26 Sep 2018 09:19

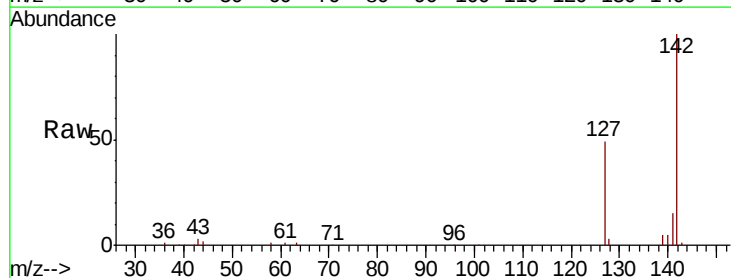
Tgt Ion:142 Resp: 48446

Ion Ratio Lower Upper

142 100

127 47.6 36.7 55.1

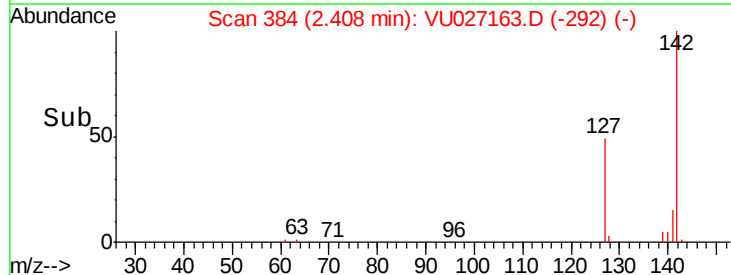
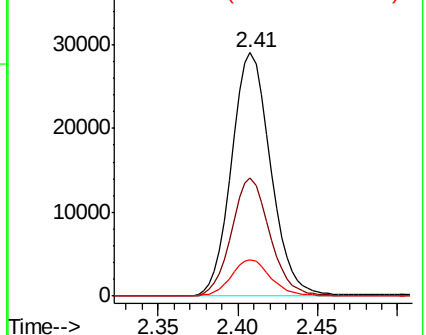
141 15.0 11.8 17.6

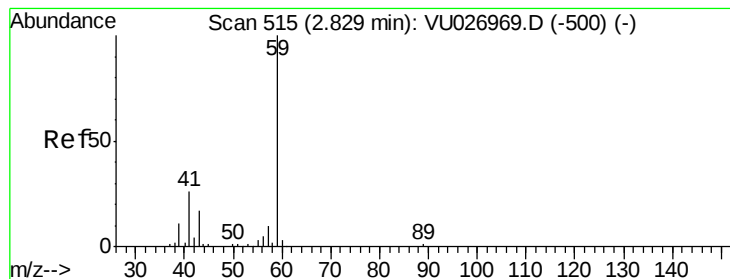


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



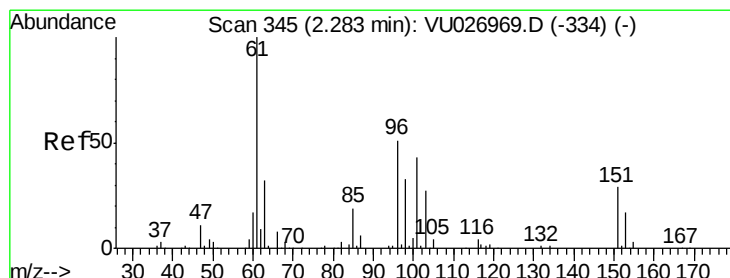
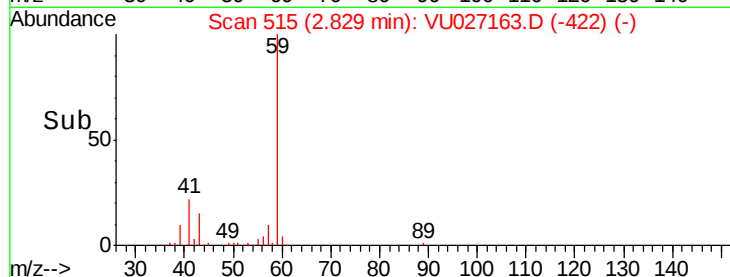
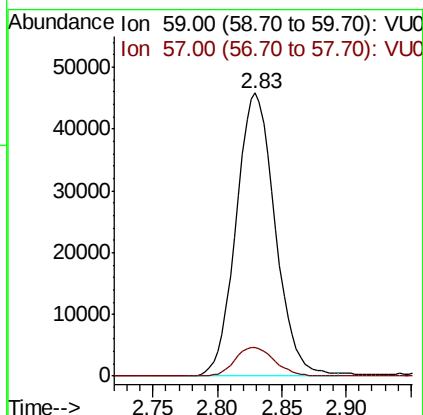
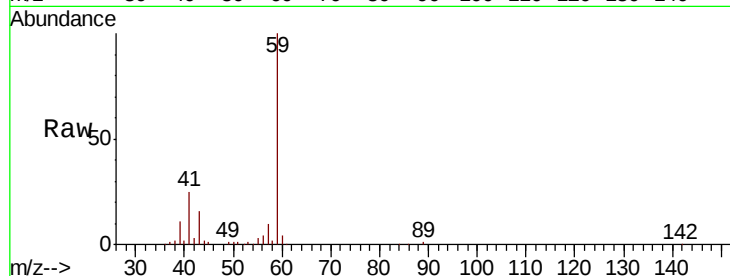


#11

Tert butyl alcohol
 Concen: 267.017 ug/l
 RT: 2.83 min Scan# 515
 Delta R.T. -0.00 min
 Lab File: VU027163.D
 Acq: 26 Sep 2018 09:19

Instrument :
 MSVOA_U
 ClientSampled :
 BFB

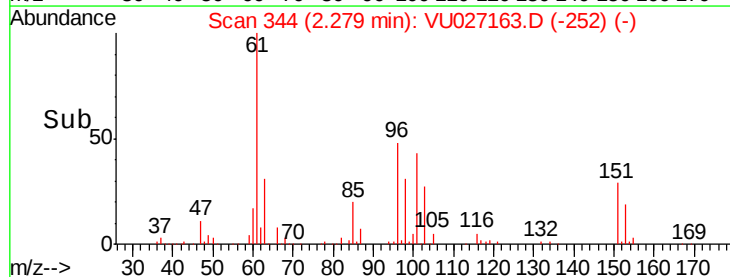
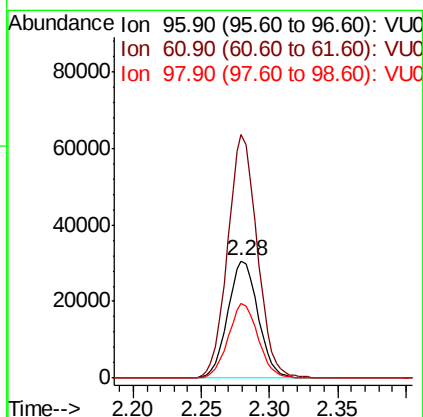
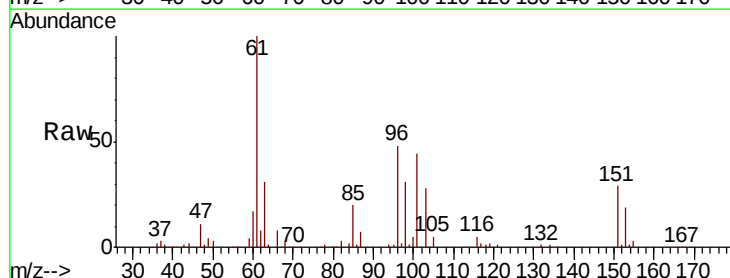
Tgt Ion: 59 Resp: 96467
 Ion Ratio Lower Upper
 59 100
 57 10.3 8.5 12.7

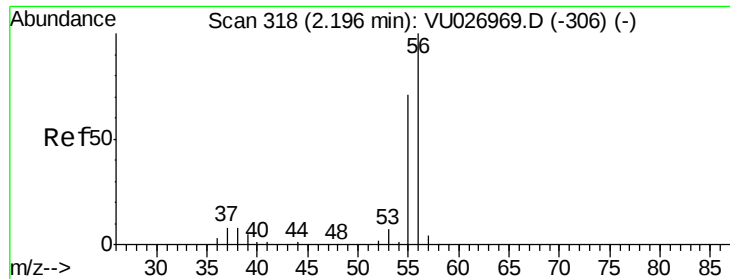


#12

1,1-Dichloroethene
 Concen: 43.838 ug/l
 RT: 2.28 min Scan# 344
 Delta R.T. -0.00 min
 Lab File: VU027163.D
 Acq: 26 Sep 2018 09:19

Tgt Ion: 96 Resp: 47417
 Ion Ratio Lower Upper
 96 100
 61 207.9 156.1 234.1
 98 63.9 51.4 77.0

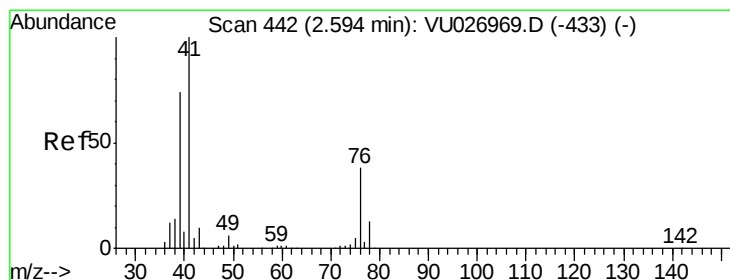
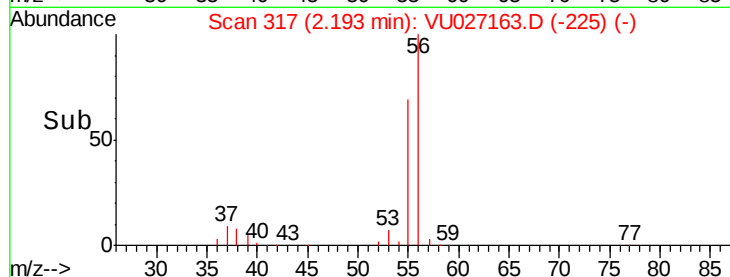
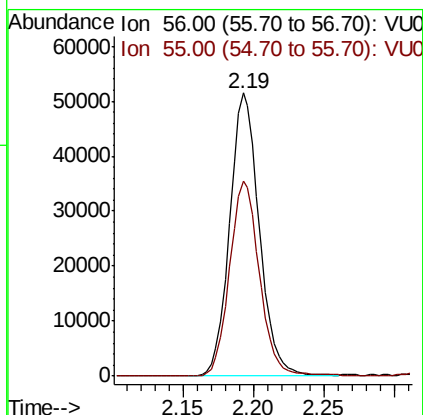
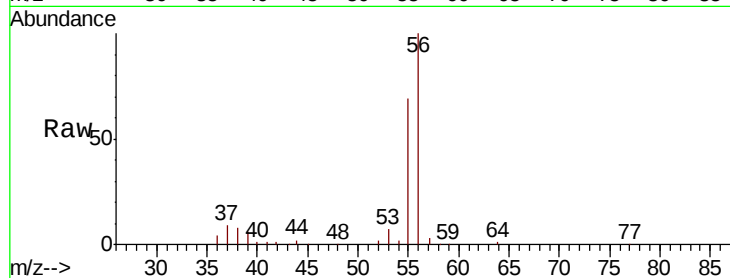




#13
Acrolein
Concen: 388.423 ug/l
RT: 2.19 min Scan# 317
Delta R.T. -0.00 min
Lab File: VU027163.D
Acq: 26 Sep 2018 09:19

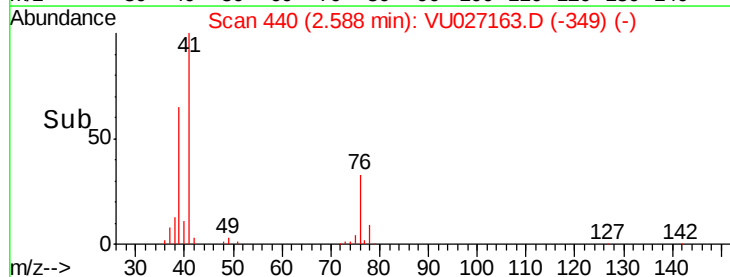
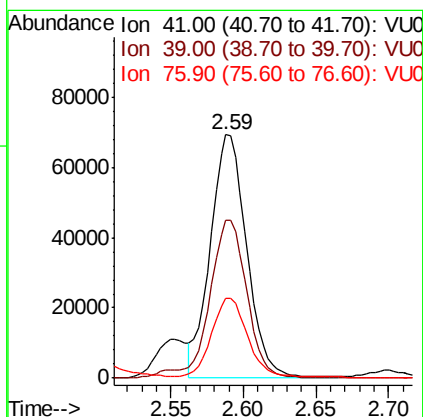
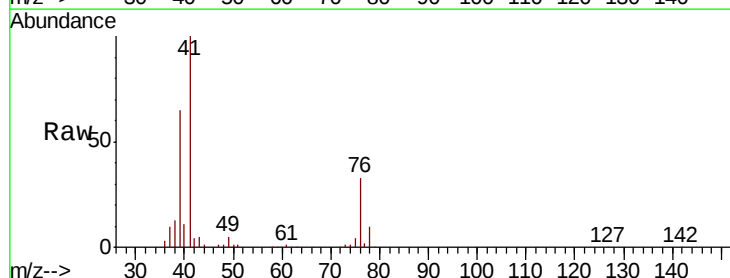
Instrument :
MSVOA_U
ClientSampled :
BFB

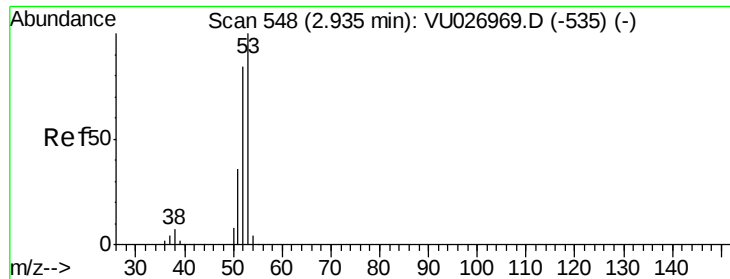
Tgt Ion: 56 Resp: 75646
Ion Ratio Lower Upper
56 100
55 69.7 57.1 85.7



#14
Allyl chloride
Concen: 54.871 ug/l
RT: 2.59 min Scan# 440
Delta R.T. -0.01 min
Lab File: VU027163.D
Acq: 26 Sep 2018 09:19

Tgt Ion: 41 Resp: 120377
Ion Ratio Lower Upper
41 100
39 67.0 55.7 83.5
76 32.6 26.5 39.7

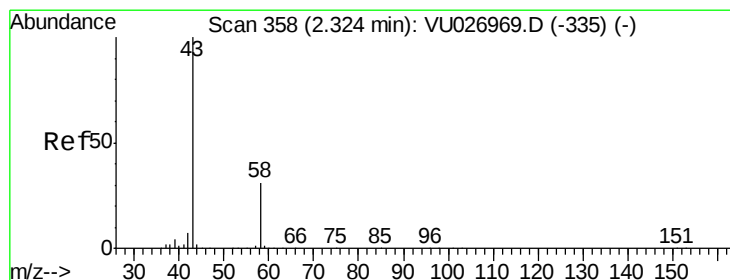
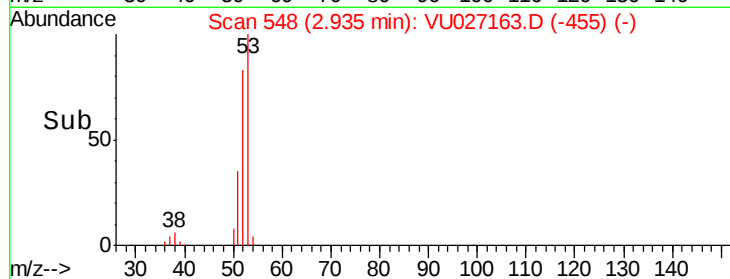
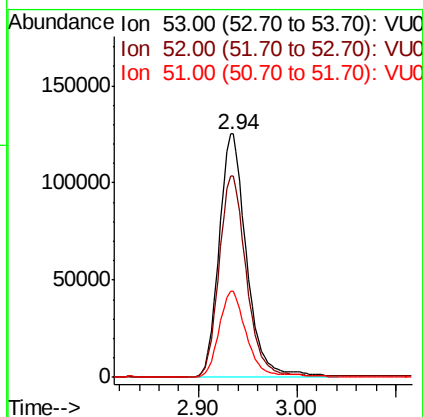
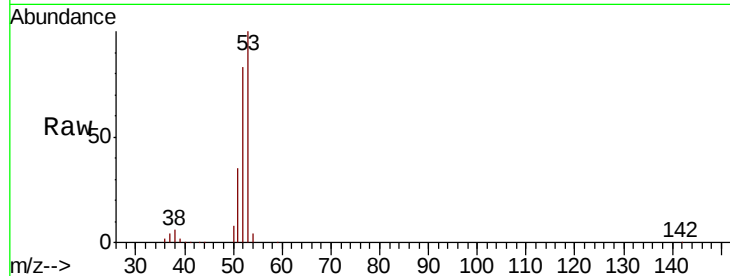




#15
 Acrylonitrile
 Concen: 269.411 ug/l
 RT: 2.94 min Scan# 548
 Delta R.T. -0.00 min
 Lab File: VU027163.D
 Acq: 26 Sep 2018 09:19

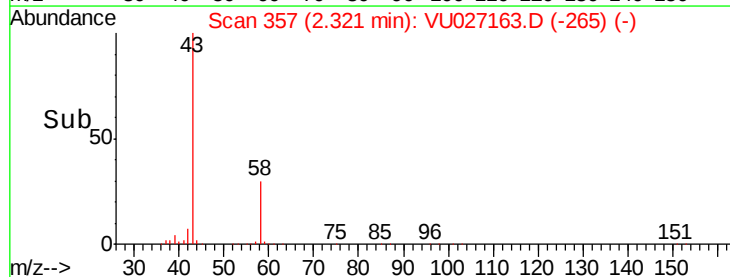
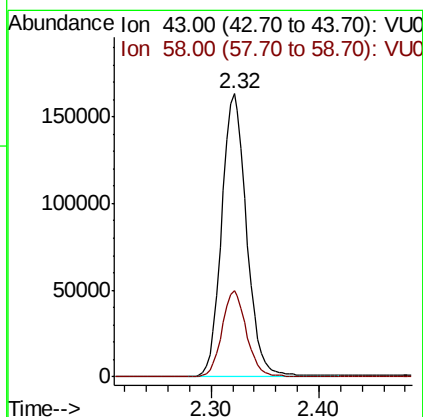
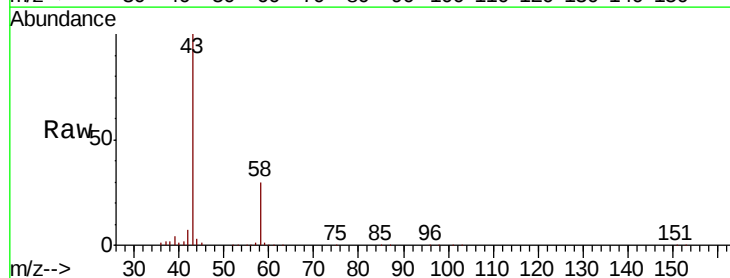
Instrument :
 MSVOA_U
 ClientSampleId :
 BFB

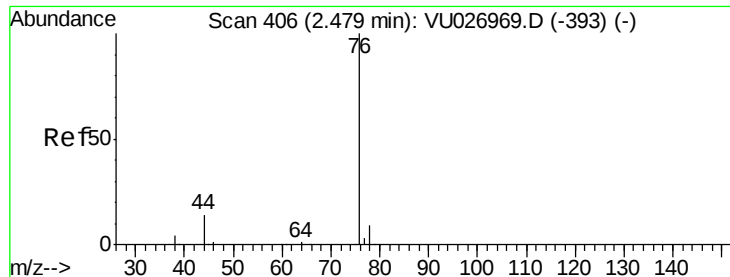
Tgt Ion: 53 Resp: 245313
 Ion Ratio Lower Upper
 53 100
 52 82.5 65.7 98.5
 51 36.0 27.4 41.2



#16
 Acetone
 Concen: 315.554 ug/l
 RT: 2.32 min Scan# 357
 Delta R.T. -0.00 min
 Lab File: VU027163.D
 Acq: 26 Sep 2018 09:19

Tgt Ion: 43 Resp: 260559
 Ion Ratio Lower Upper
 43 100
 58 30.5 24.6 36.8

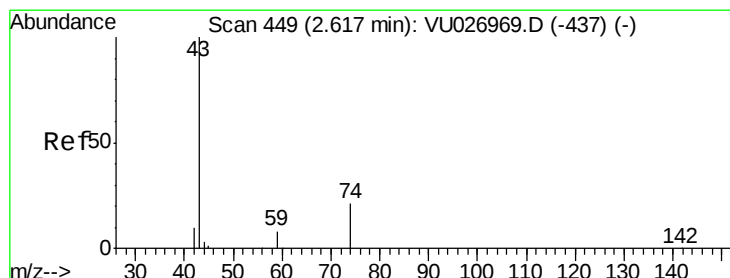
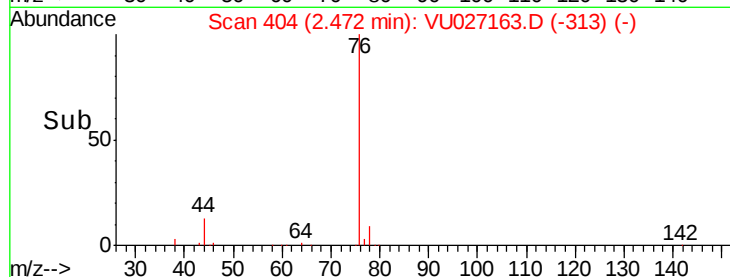
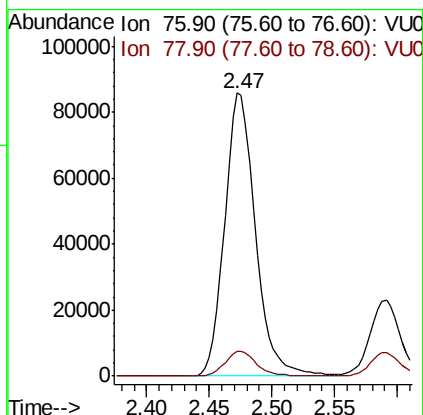
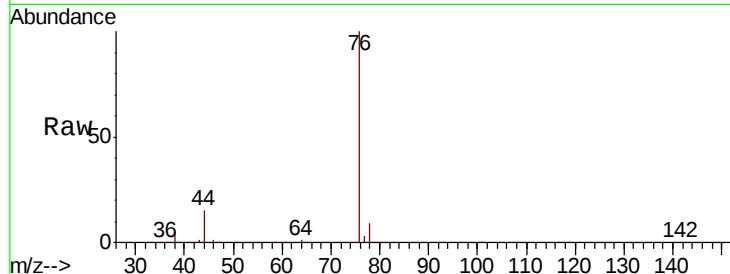




#17
Carbon Disulfide
Concen: 41.485 ug/l
RT: 2.47 min Scan# 404
Delta R.T. -0.01 min
Lab File: VU027163.D
Acq: 26 Sep 2018 09:19

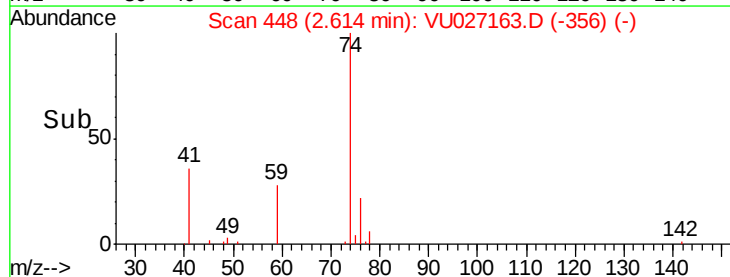
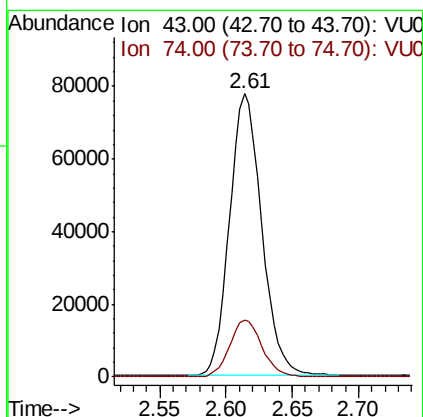
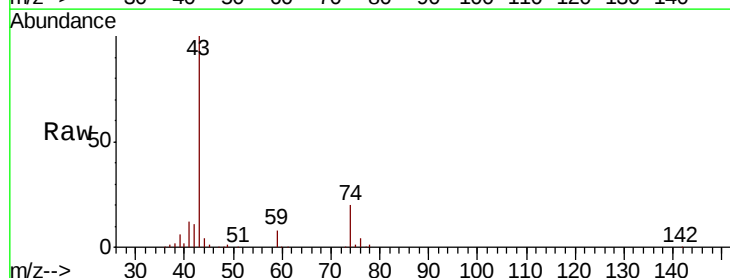
Instrument :
MSVOA_U
ClientSampleId :
BFB

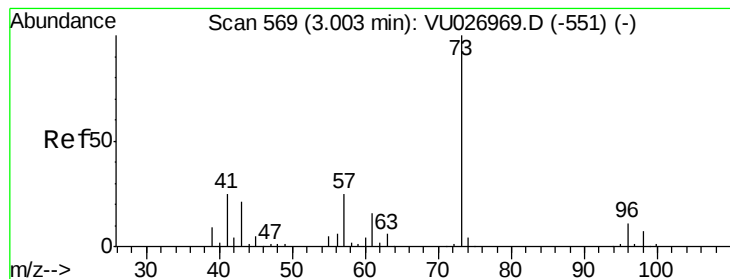
Tgt Ion: 76 Resp: 146175
Ion Ratio Lower Upper
76 100
78 8.9 7.1 10.7



#18
Methyl Acetate
Concen: 58.324 ug/l
RT: 2.61 min Scan# 448
Delta R.T. -0.00 min
Lab File: VU027163.D
Acq: 26 Sep 2018 09:19

Tgt Ion: 43 Resp: 130847
Ion Ratio Lower Upper
43 100
74 20.4 16.6 25.0





#19

Methyl tert-butyl Ether

Concen: 54.828 ug/l

RT: 3.00 min Scan# 568

Delta R.T. -0.00 min

Lab File: VU027163.D

Acq: 26 Sep 2018 09:19

Instrument :

MSVOA_U

ClientSampleId :

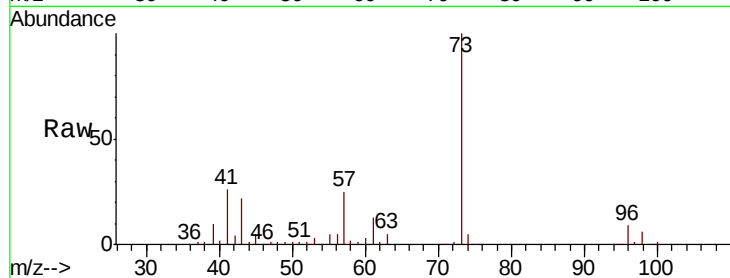
BFB

Tgt Ion: 73 Resp: 217926

Ion Ratio Lower Upper

73 100

57 24.6 19.8 29.6



Abundance Ion 73.00 (72.70 to 73.70): VU026969.D (-551) (-)

Ion 57.00 (56.70 to 57.70): VU026969.D (-551) (-)

3.00

100000

80000

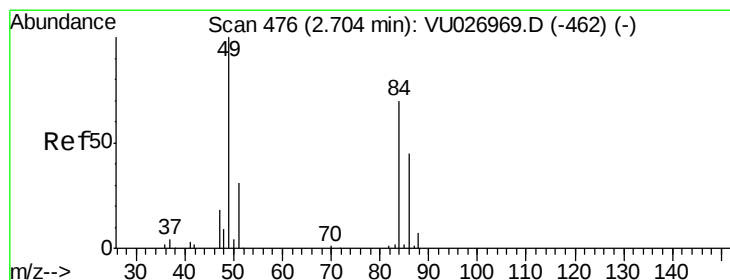
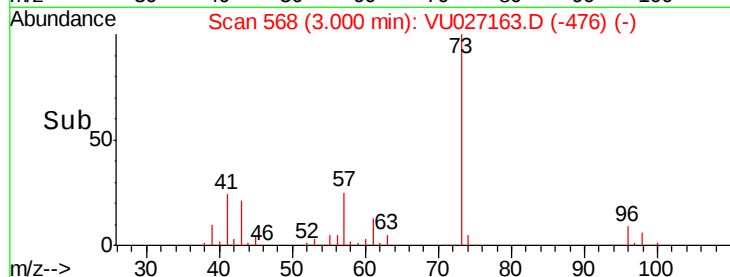
60000

40000

20000

0

Time-->



#20

Methylene Chloride

Concen: 46.076 ug/l

RT: 2.70 min Scan# 474

Delta R.T. -0.01 min

Lab File: VU027163.D

Acq: 26 Sep 2018 09:19

Tgt Ion: 84 Resp: 65041

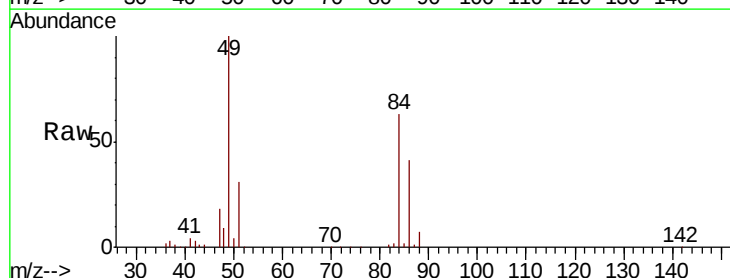
Ion Ratio Lower Upper

84 100

49 157.7 114.9 172.3

51 48.3 35.8 53.8

86 64.5 51.3 76.9



Abundance Ion 83.90 (83.60 to 84.60): VU026969.D (-462) (-)

Ion 48.90 (48.60 to 49.60): VU026969.D (-462) (-)

Ion 50.90 (50.60 to 51.60): VU026969.D (-462) (-)

Ion 85.90 (85.60 to 86.60): VU026969.D (-462) (-)

2.70

80000

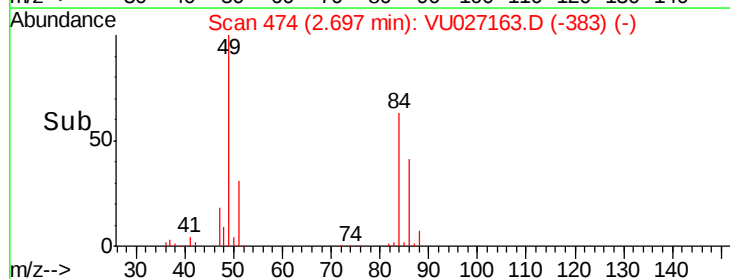
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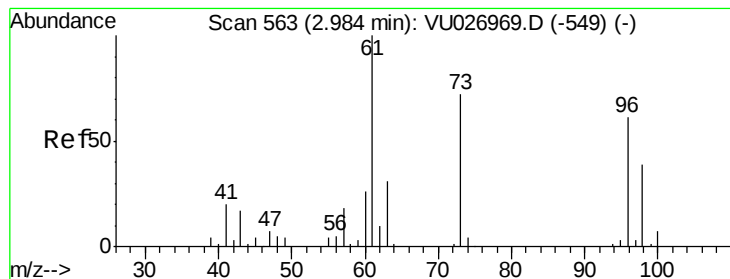
40000

20000

0

Time-->





#21

trans-1,2-Dichloroethene

Concen: 47.093 ug/l

RT: 2.98 min Scan# 562

Delta R.T. -0.00 min

Lab File: VU027163.D

Acq: 26 Sep 2018 09:19

Instrument :

MSVOA_U

ClientSampled :

BFB

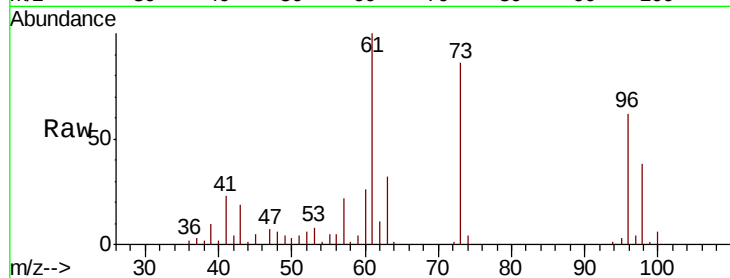
Tgt Ion: 96 Resp: 54384

Ion Ratio Lower Upper

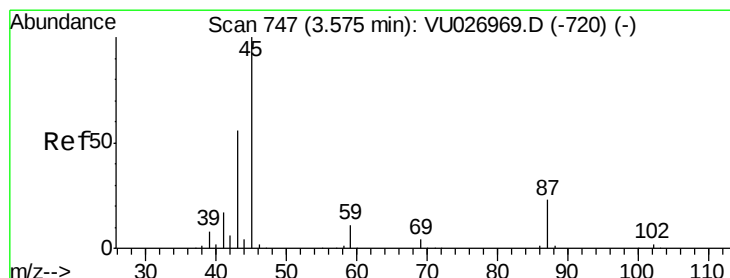
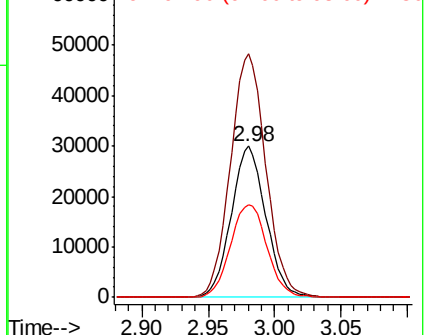
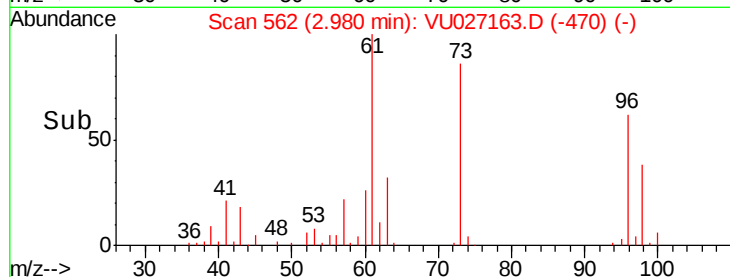
96 100

61 160.8 131.8 197.6

98 61.5 50.9 76.3



Abundance Ion 95.90 (95.60 to 96.60): VU027163.D (-470) (-)



#22

Diisopropyl ether

Concen: 57.485 ug/l

RT: 3.57 min Scan# 746

Delta R.T. -0.00 min

Lab File: VU027163.D

Acq: 26 Sep 2018 09:19

Tgt Ion: 45 Resp: 269742

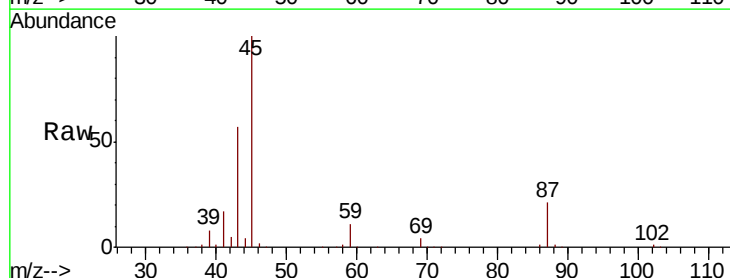
Ion Ratio Lower Upper

45 100

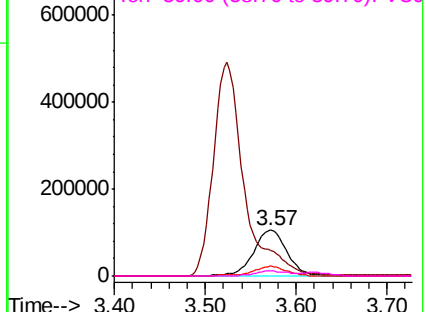
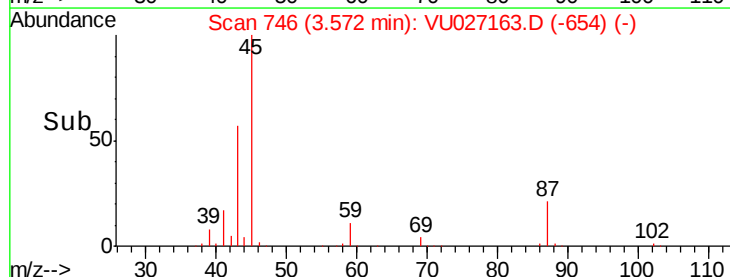
43 55.5 45.8 68.6

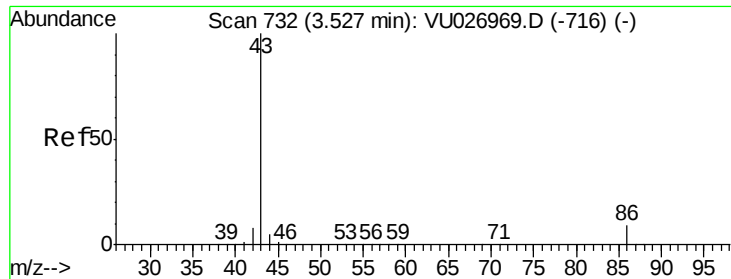
87 21.2 18.6 28.0

59 10.7 9.0 13.4



Abundance Ion 45.00 (44.70 to 45.70): VU027163.D (-654) (-)

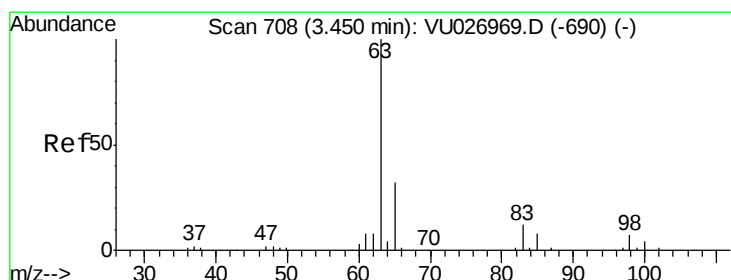
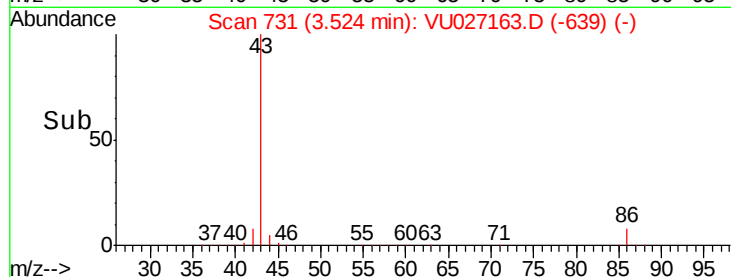
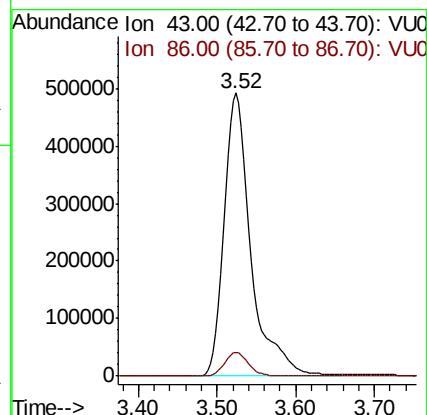
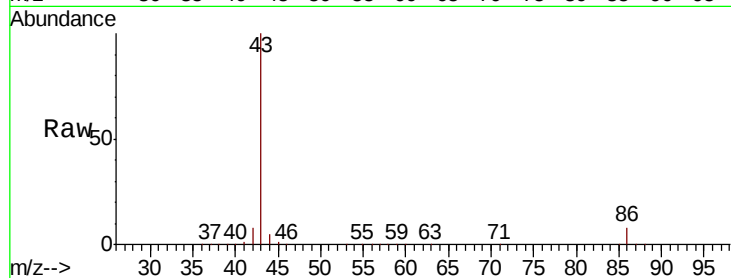




#23
 Vinyl Acetate
 Concen: 290.518 ug/l
 RT: 3.52 min Scan# 731
 Delta R.T. -0.00 min
 Lab File: VU027163.D
 Acq: 26 Sep 2018 09:19

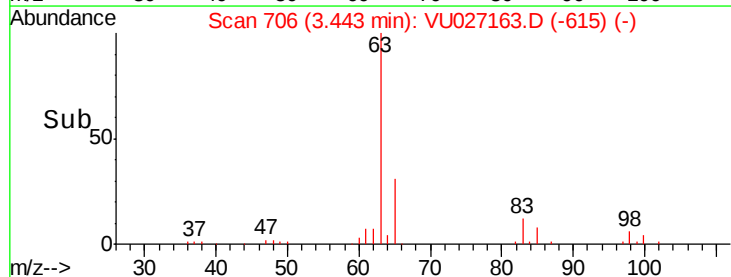
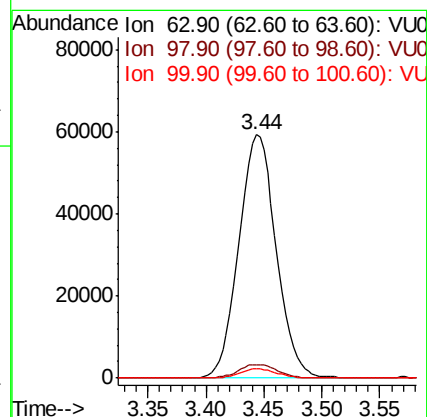
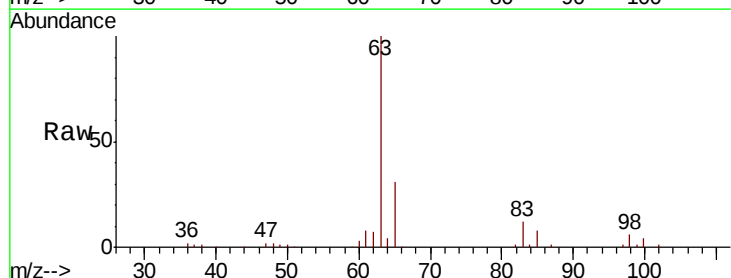
Instrument :
 MSVOA_U
 ClientSampled :
 BFB

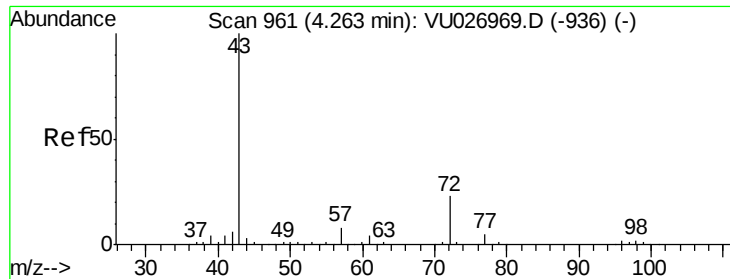
Tgt Ion: 43 Resp: 1162036
 Ion Ratio Lower Upper
 43 100
 86 8.5 7.2 10.8



#24
 1,1-Dichloroethane
 Concen: 51.293 ug/l
 RT: 3.44 min Scan# 706
 Delta R.T. -0.01 min
 Lab File: VU027163.D
 Acq: 26 Sep 2018 09:19

Tgt Ion: 63 Resp: 132559
 Ion Ratio Lower Upper
 63 100
 98 5.6 3.3 9.8
 100 3.7 2.0 5.8





#25

2-Butanone

Concen: 278.529 ug/l

RT: 4.26 min Scan# 960

Delta R.T. -0.00 min

Lab File: VU027163.D

Acq: 26 Sep 2018 09:19

Instrument :

MSVOA_U

ClientSampleId :

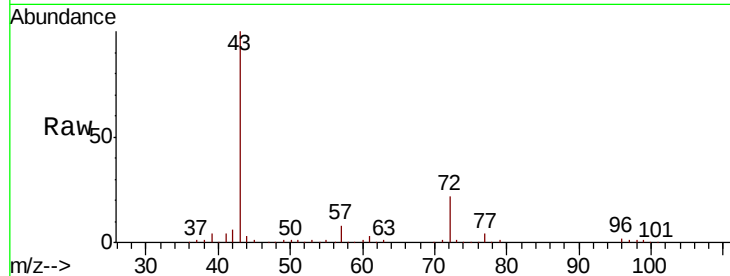
BFB

Tgt Ion: 43 Resp: 368944

Ion Ratio Lower Upper

43 100

72 21.9 18.4 27.6



Abundance Ion 43.00 (42.70 to 43.70): VU027163.D (-868) (-)

Ion 72.00 (71.70 to 72.70): VU027163.D (-868) (-)

4.26

150000

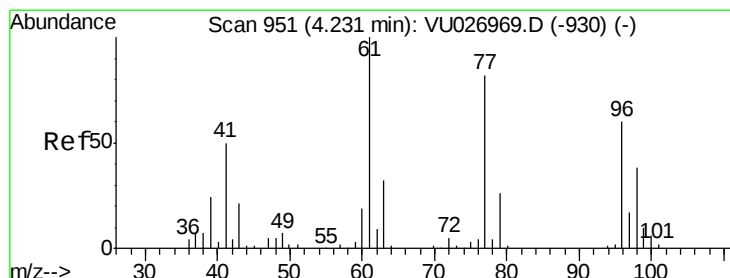
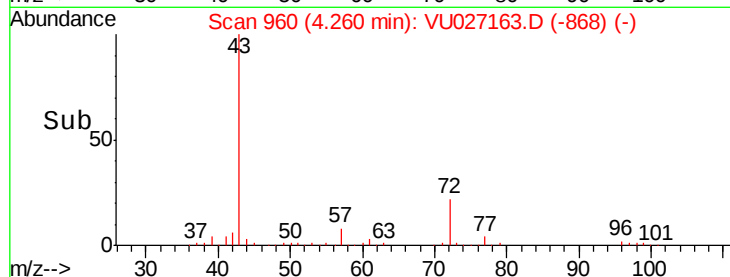
100000

50000

0

Time-->

4.15 4.20 4.25 4.30 4.35



#26

2,2-Dichloropropane

Concen: 51.992 ug/l

RT: 4.22 min Scan# 949

Delta R.T. -0.01 min

Lab File: VU027163.D

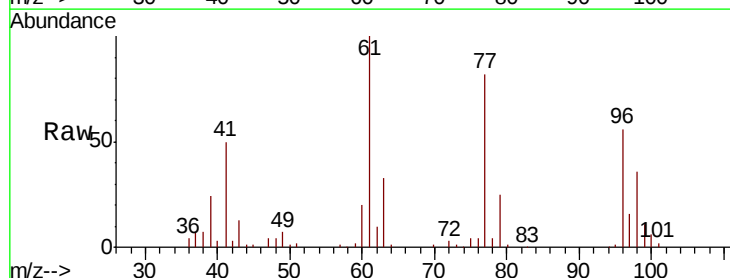
Acq: 26 Sep 2018 09:19

Tgt Ion: 77 Resp: 104790

Ion Ratio Lower Upper

77 100

97 20.6 10.5 31.5



Abundance Ion 76.90 (76.60 to 77.60): VU027163.D (-858) (-)

Ion 96.90 (96.60 to 97.60): VU027163.D (-858) (-)

4.22

40000

30000

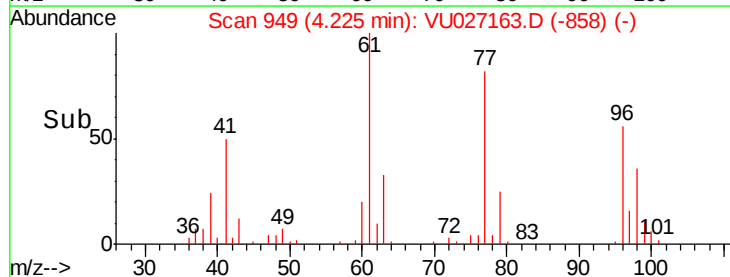
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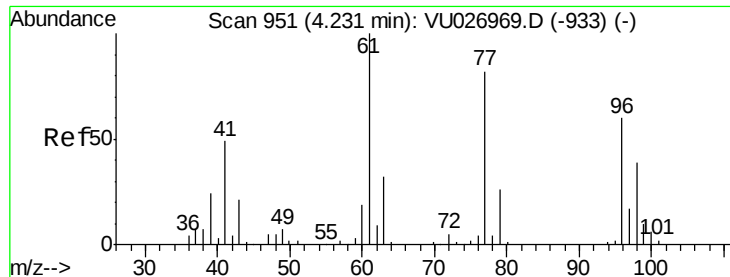
10000

0

Time-->

4.10 4.20 4.30

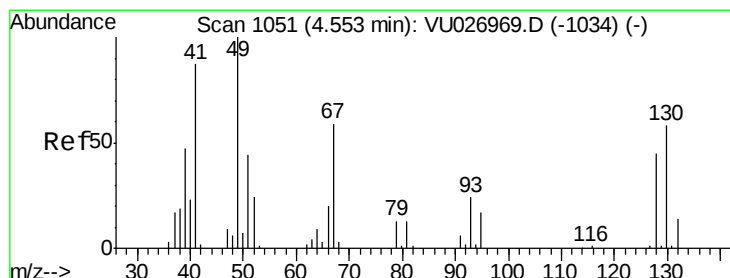
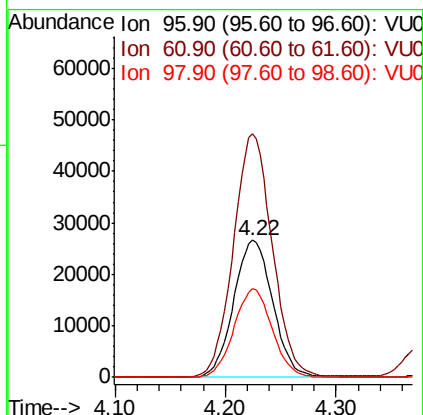
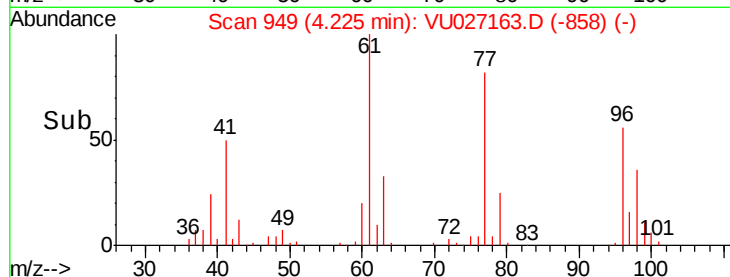
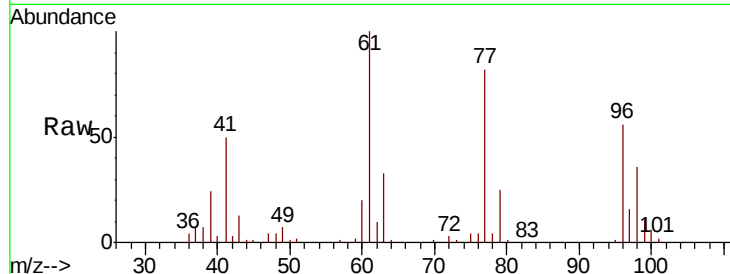




#27
 cis-1,2-Dichloroethene
 Concen: 50.143 ug/l
 RT: 4.22 min Scan# 949
 Delta R.T. -0.01 min
 Lab File: VU027163.D
 Acq: 26 Sep 2018 09:19

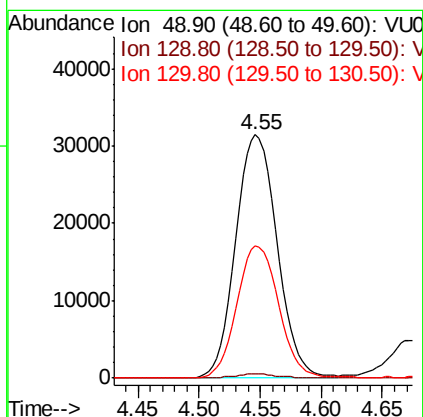
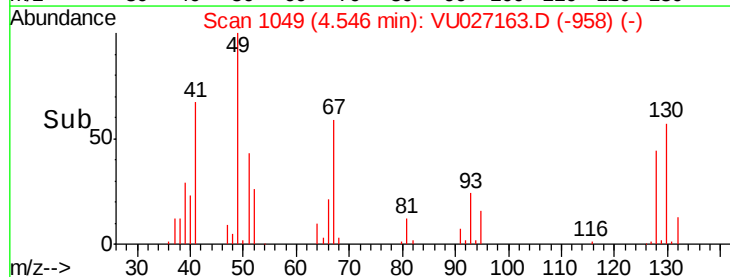
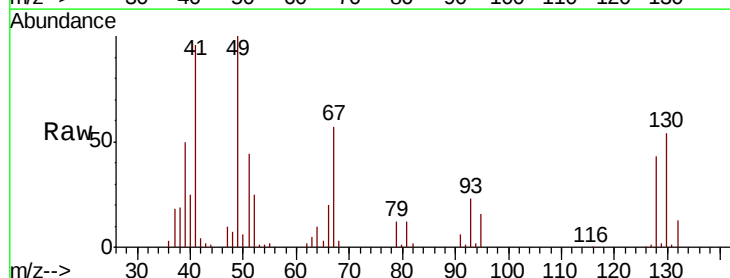
Instrument :
 MSVOA_U
 ClientSampled :
 BFB

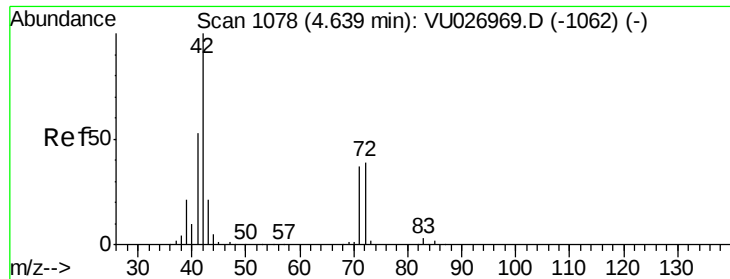
Tgt Ion: 96 Resp: 65395
 Ion Ratio Lower Upper
 96 100
 61 176.7 0.0 337.2
 98 63.2 0.0 127.6



#28
 Bromochloromethane
 Concen: 59.611 ug/l
 RT: 4.55 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VU027163.D
 Acq: 26 Sep 2018 09:19

Tgt Ion: 49 Resp: 74262
 Ion Ratio Lower Upper
 49 100
 129 1.5 0.0 3.0
 130 54.8 47.8 71.8





#29

Tetrahydrofuran

Concen: 281.840 ug/l

RT: 4.64 min Scan# 1077

Delta R.T. -0.00 min

Lab File: VU027163.D

Acq: 26 Sep 2018 09:19

Instrument :

MSVOA_U

ClientSampleId :

BFB

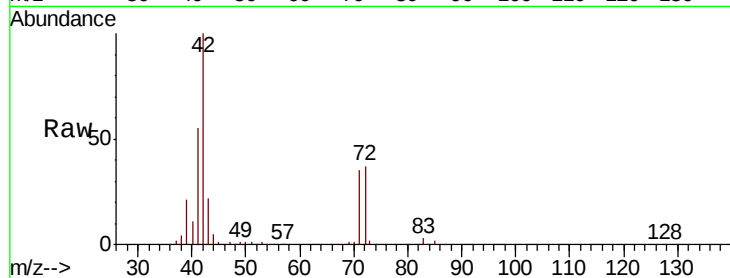
Tgt Ion: 42 Resp: 225840

Ion Ratio Lower Upper

42 100

72 37.9 31.7 47.5

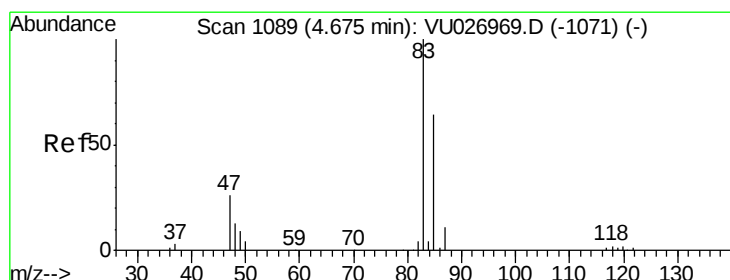
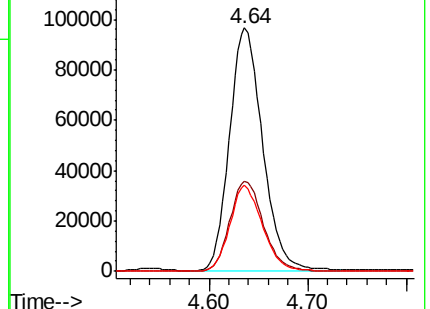
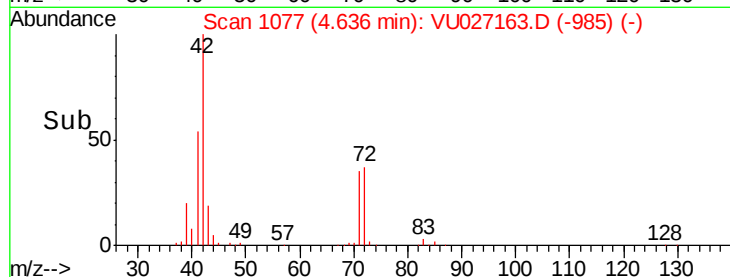
71 34.9 29.6 44.4



Abundance Ion 42.00 (41.70 to 42.70): VU027163.D (-985) (-)

Ion 72.00 (71.70 to 72.70): VU027163.D (-985) (-)

Ion 71.00 (70.70 to 71.70): VU027163.D (-985) (-)



#30

Chloroform

Concen: 49.906 ug/l

RT: 4.67 min Scan# 1089

Delta R.T. -0.00 min

Lab File: VU027163.D

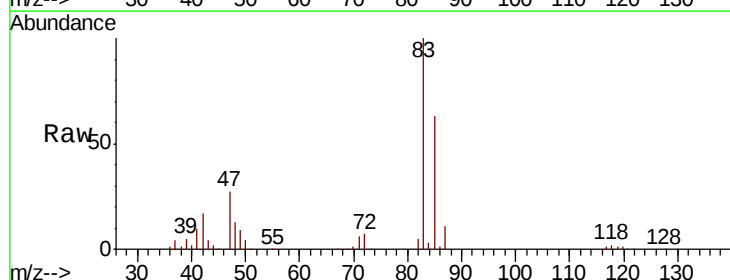
Acq: 26 Sep 2018 09:19

Tgt Ion: 83 Resp: 119719

Ion Ratio Lower Upper

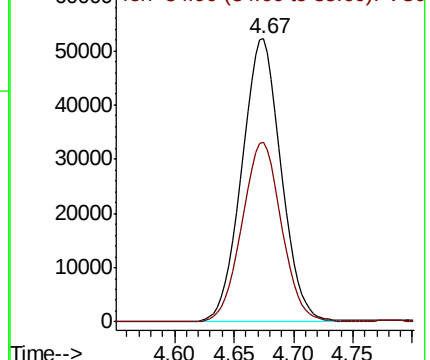
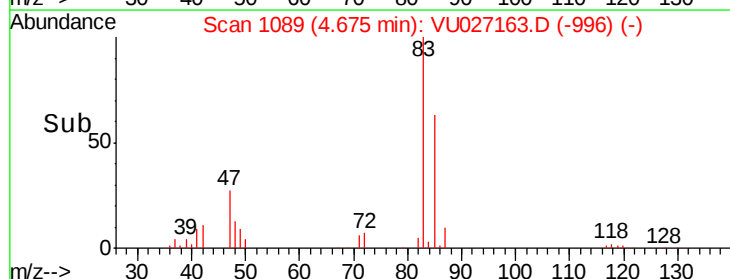
83 100

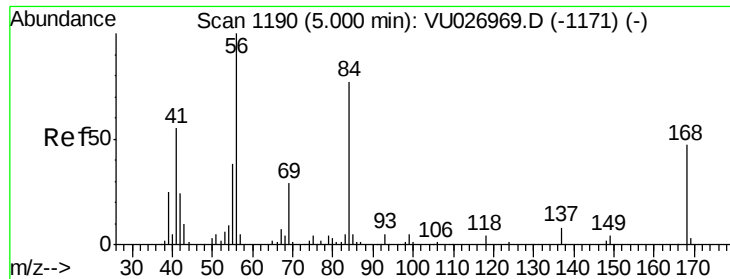
85 63.3 51.5 77.3



Abundance Ion 82.90 (82.60 to 83.60): VU027163.D (-996) (-)

Ion 84.90 (84.60 to 85.60): VU027163.D (-996) (-)

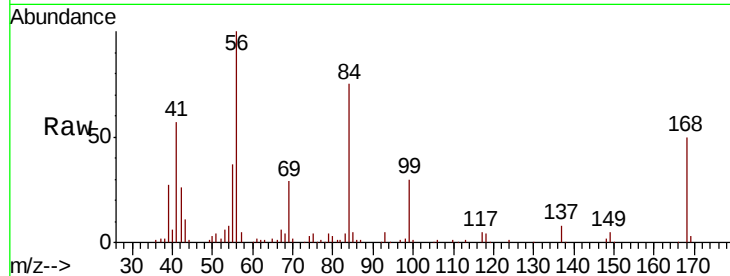




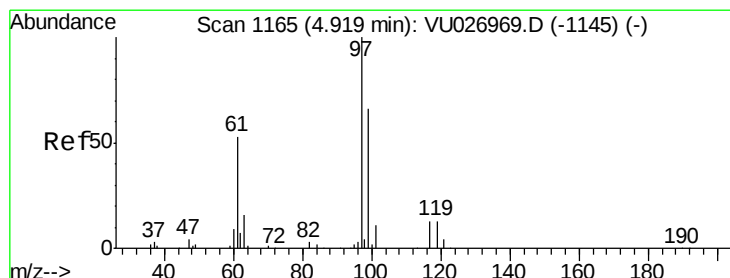
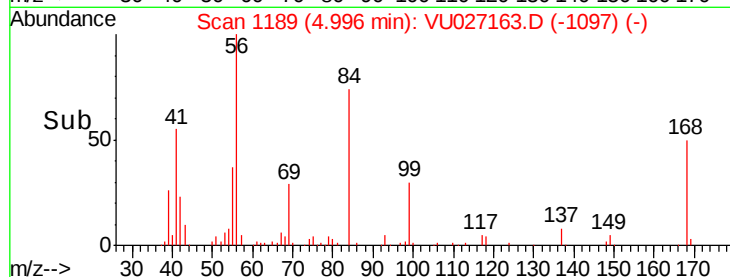
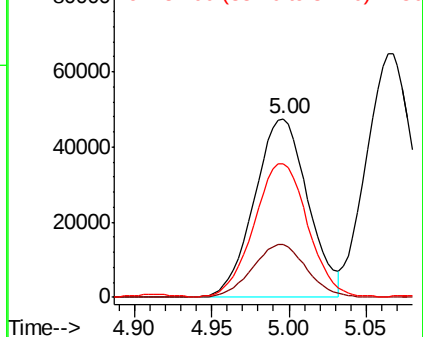
#31
Cyclohexane
Concen: 48.714 ug/l
RT: 5.00 min Scan# 1189
Delta R.T. -0.00 min
Lab File: VU027163.D
Acq: 26 Sep 2018 09:19

Instrument :
MSVOA_U
ClientSampled :
BFB

Tgt Ion: 56 Resp: 114476
Ion Ratio Lower Upper
56 100
69 29.4 23.0 34.4
84 74.4 61.4 92.2

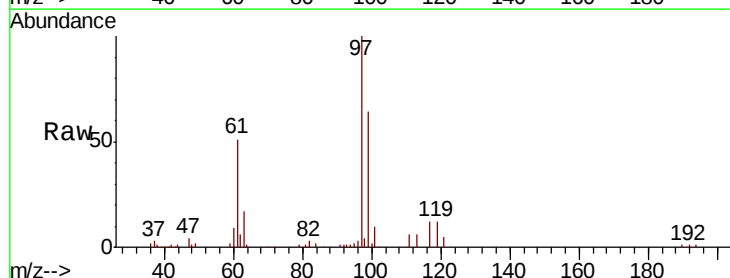


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

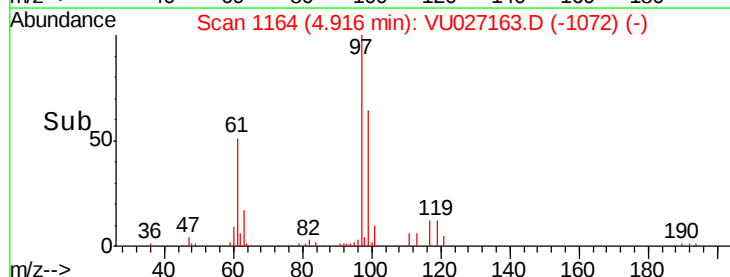
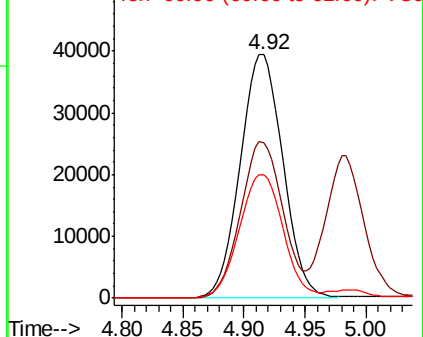


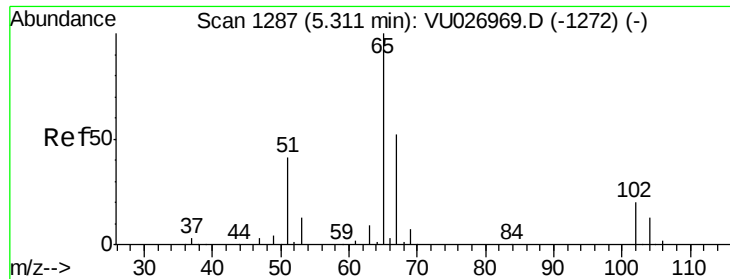
#32
1,1,1-Trichloroethane
Concen: 50.030 ug/l
RT: 4.92 min Scan# 1164
Delta R.T. -0.00 min
Lab File: VU027163.D
Acq: 26 Sep 2018 09:19

Tgt Ion: 97 Resp: 95824
Ion Ratio Lower Upper
97 100
99 64.2 51.8 77.6
61 51.8 41.1 61.7



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

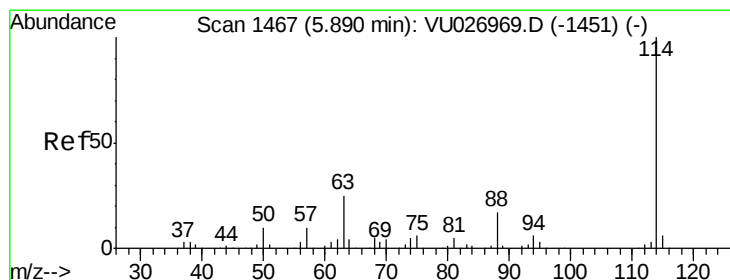
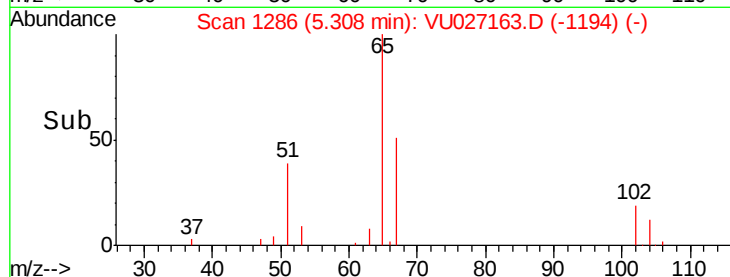
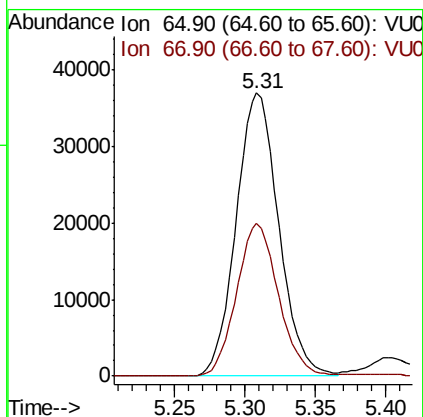
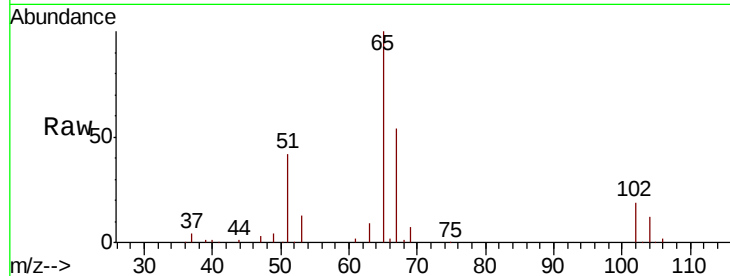




#33
 1,2-Dichloroethane-d4
 Concen: 49.593 ug/l
 RT: 5.31 min Scan# 1286
 Delta R.T. -0.00 min
 Lab File: VU027163.D
 Acq: 26 Sep 2018 09:19

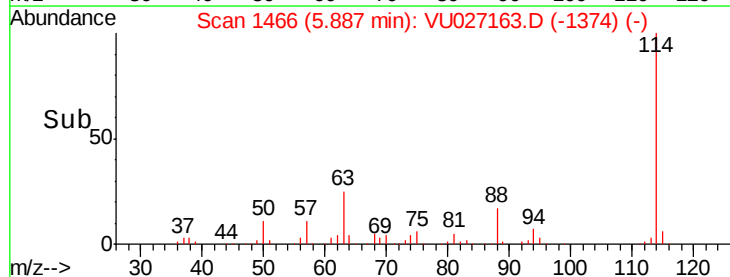
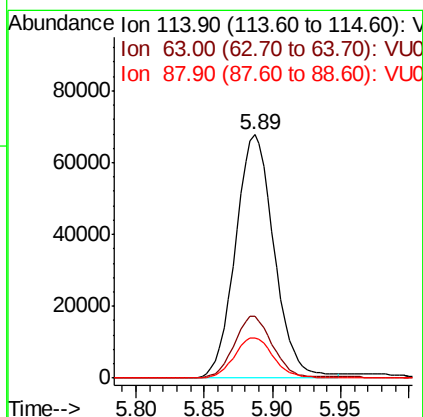
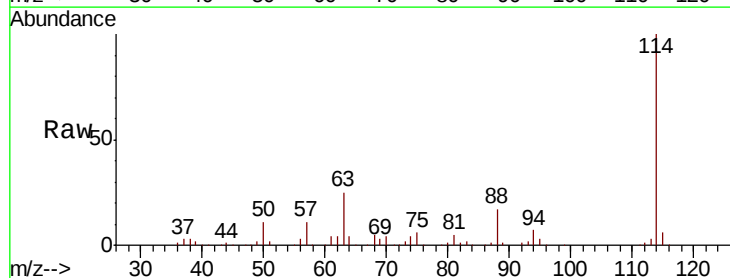
Instrument :
 MSVOA_U
 ClientSampleId :
 BFB

Tgt Ion: 65 Resp: 78169
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. -0.00 min
 Lab File: VU027163.D
 Acq: 26 Sep 2018 09:19

Tgt Ion: 114 Resp: 133554
 Ion Ratio Lower Upper
 114 100
 63 25.3 0.0 49.2
 88 16.5 0.0 33.8

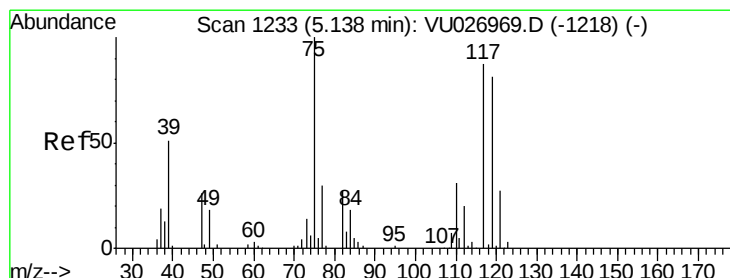
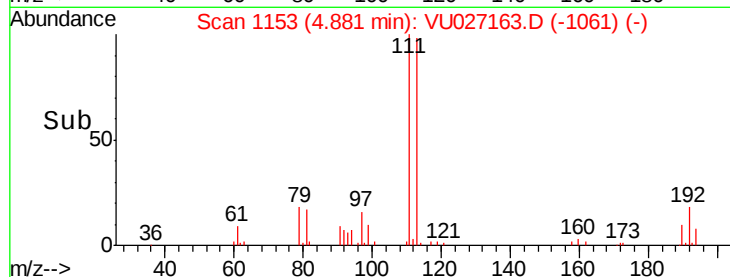
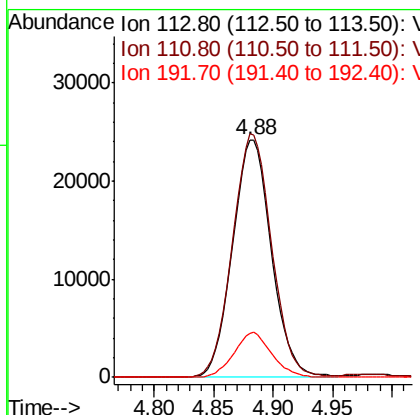
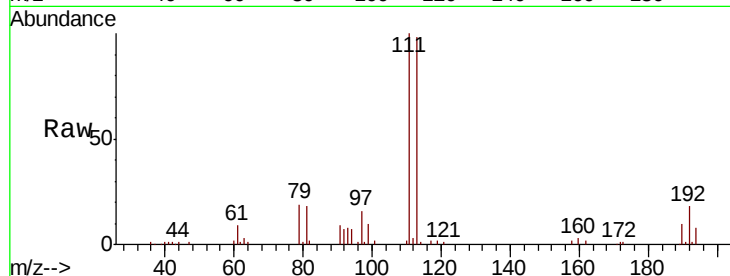




#35
 Dibromofluoromethane
 Concen: 47.314 ug/l
 RT: 4.88 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: VU027163.D
 Acq: 26 Sep 2018 09:19

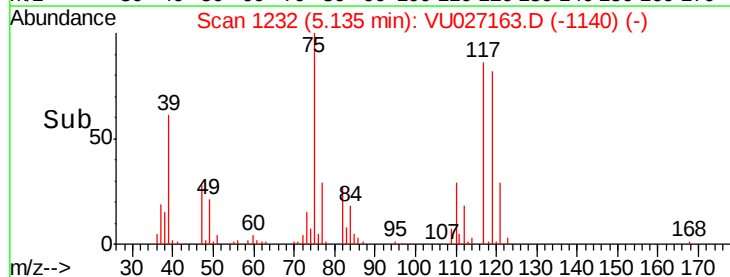
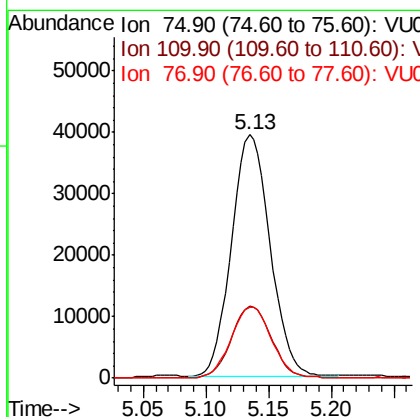
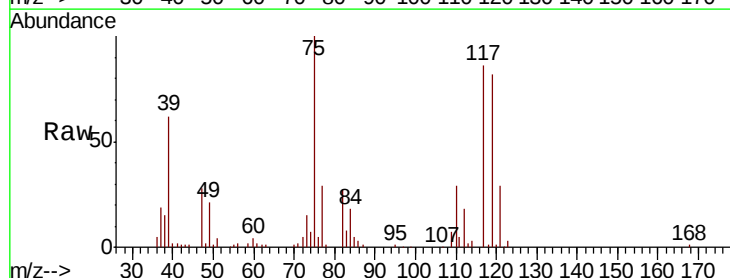
Instrument :
 MSVOA_U
 ClientSampleId :
 BFB

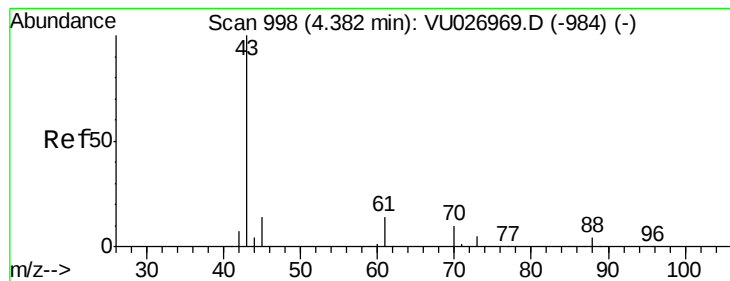
Tgt Ion:113 Resp: 54773
 Ion Ratio Lower Upper
 113 100
 111 103.1 82.2 123.4
 192 18.4 15.2 22.8



#36
 1,1-Dichloropropene
 Concen: 47.522 ug/l
 RT: 5.13 min Scan# 1232
 Delta R.T. -0.00 min
 Lab File: VU027163.D
 Acq: 26 Sep 2018 09:19

Tgt Ion: 75 Resp: 84705
 Ion Ratio Lower Upper
 75 100
 110 30.9 16.1 48.2
 77 30.8 24.6 36.8





#37

Ethyl Acetate

Concen: 53.677 ug/l

RT: 4.38 min Scan# 997

Delta R.T. -0.00 min

Lab File: VU027163.D

Acq: 26 Sep 2018 09:19

Instrument :

MSVOA_U

ClientSampleId :

BFB

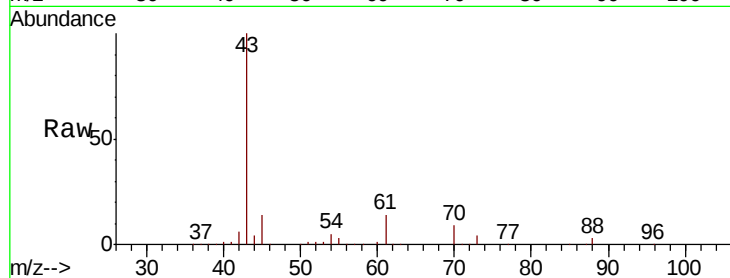
Tgt Ion: 43 Resp: 129521

Ion Ratio Lower Upper

43 100

61 13.6 10.5 15.7

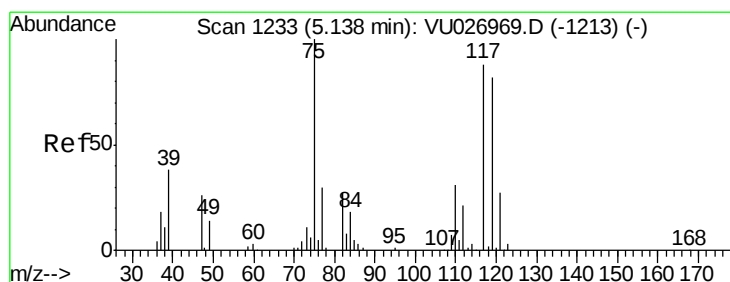
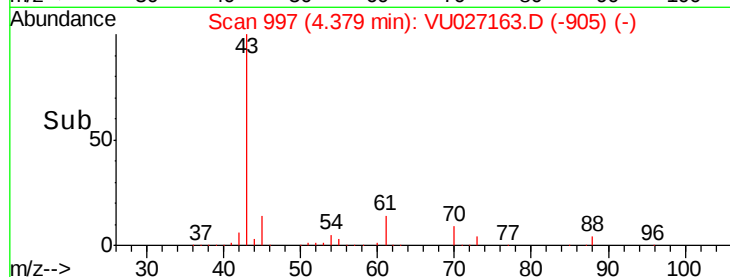
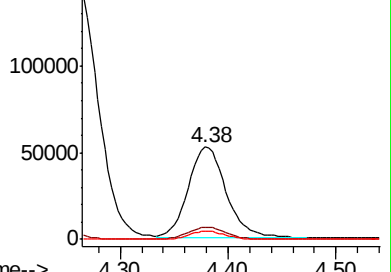
70 8.5 7.4 11.0



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

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

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



#38

Carbon Tetrachloride

Concen: 46.741 ug/l

RT: 5.13 min Scan# 1232

Delta R.T. -0.00 min

Lab File: VU027163.D

Acq: 26 Sep 2018 09:19

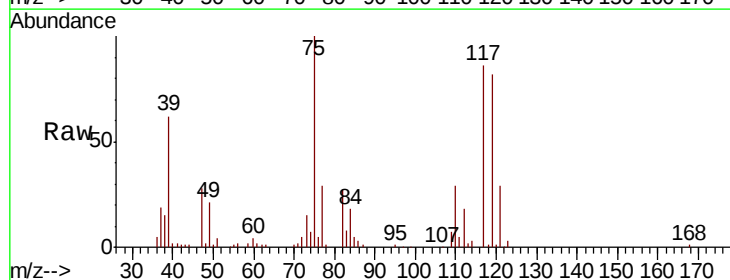
Tgt Ion: 117 Resp: 79283

Ion Ratio Lower Upper

117 100

119 94.6 74.4 111.6

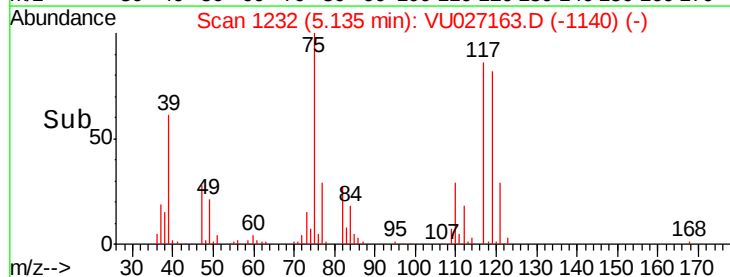
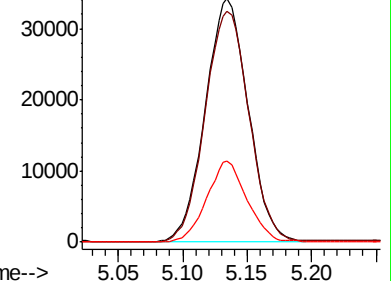
121 33.4 24.2 36.4

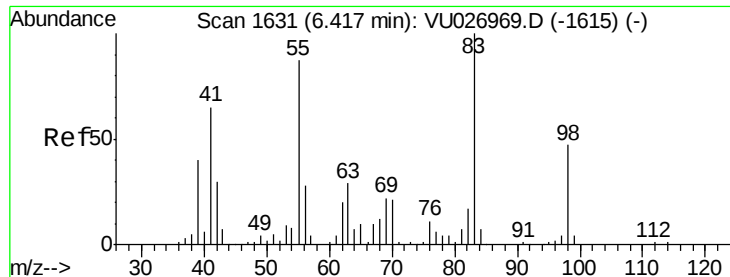


Abundance Ion 116.80 (116.50 to 117.50): VU026969.D (-1213) (-)

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

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

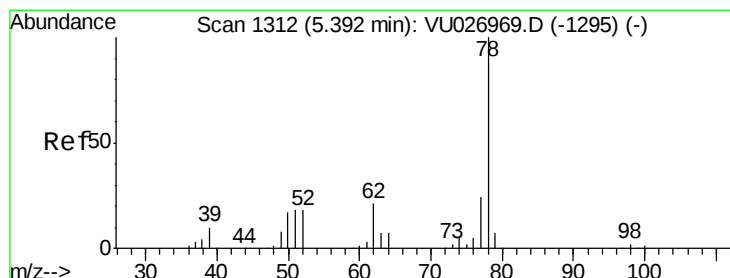
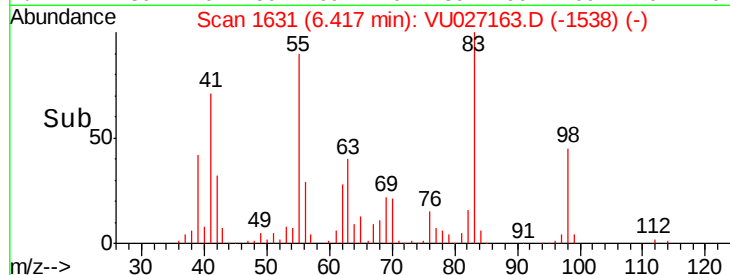
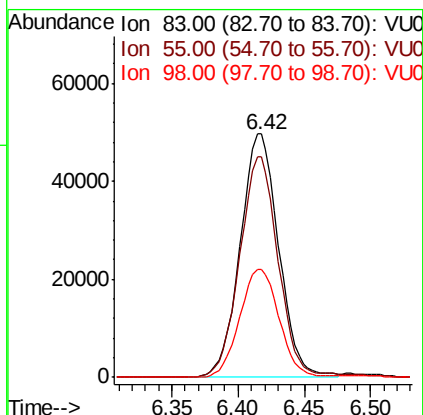
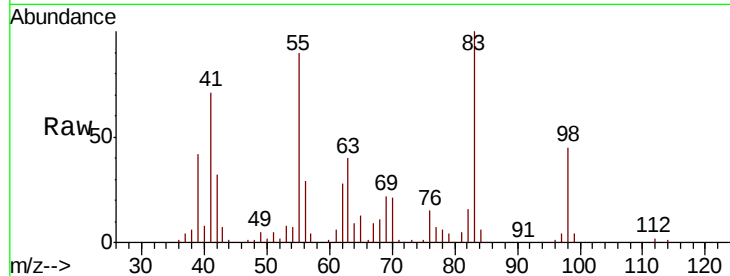




#39
Methylcyclohexane
Concen: 51.789 ug/l
RT: 6.42 min Scan# 1631
Delta R.T. 0.00 min
Lab File: VU027163.D
Acq: 26 Sep 2018 09:19

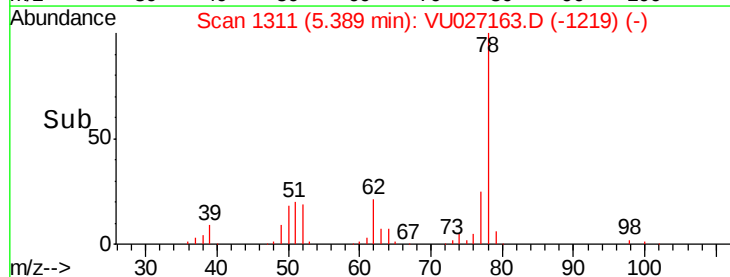
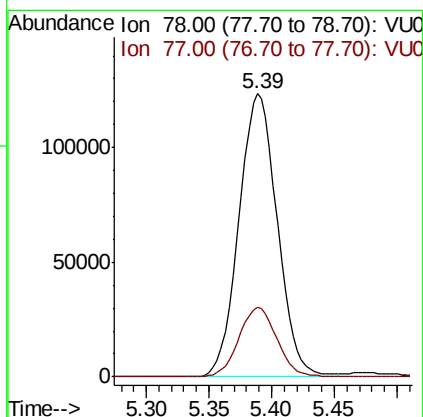
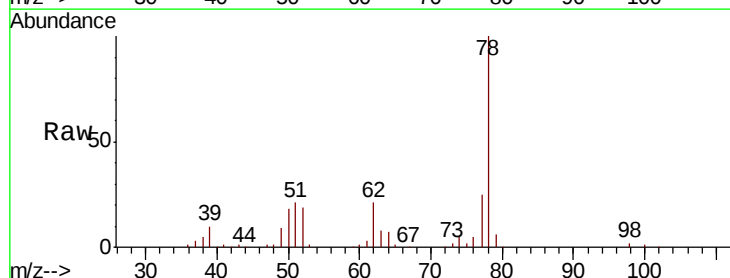
Instrument :
MSVOA_U
ClientSampleId :
BFB

Tgt Ion: 83 Resp: 100315
Ion Ratio Lower Upper
83 100
55 90.4 69.9 104.9
98 44.5 37.5 56.3



#40
Benzene
Concen: 48.476 ug/l
RT: 5.39 min Scan# 1311
Delta R.T. -0.00 min
Lab File: VU027163.D
Acq: 26 Sep 2018 09:19

Tgt Ion: 78 Resp: 262671
Ion Ratio Lower Upper
78 100
77 24.6 19.4 29.0

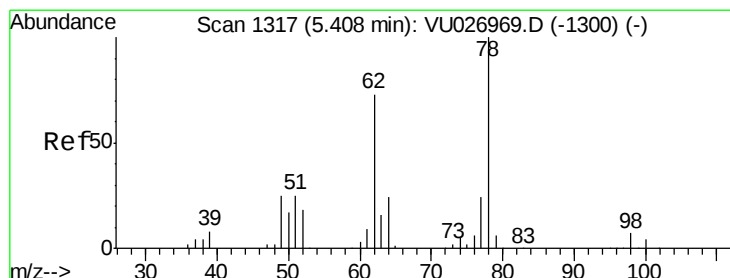
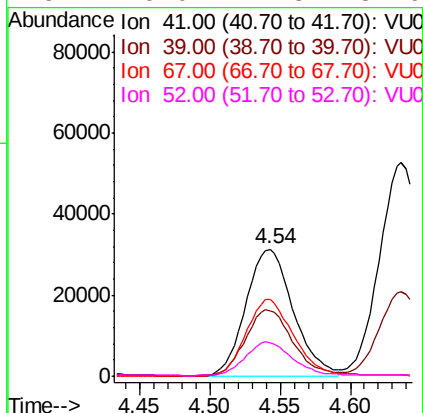
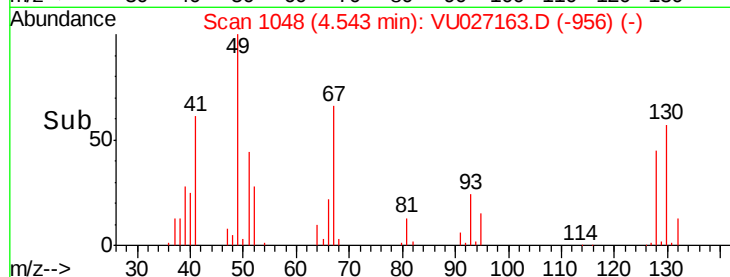
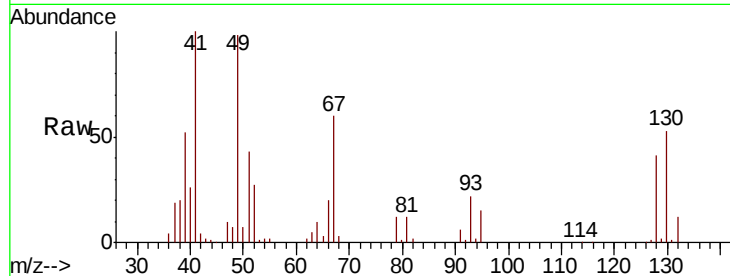




#41
Methacrylonitrile
Concen: 58.922 ug/l
RT: 4.54 min Scan# 1048
Delta R.T. -0.00 min
Lab File: VU027163.D
Acq: 26 Sep 2018 09:19

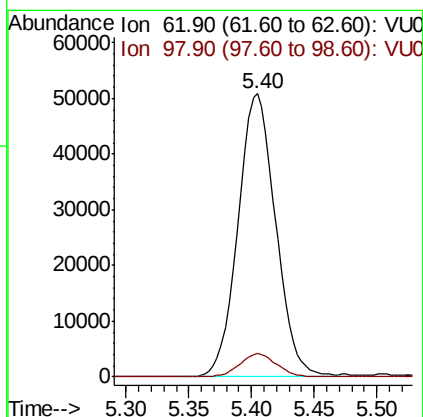
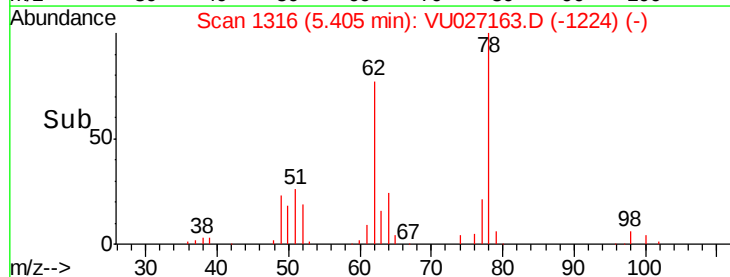
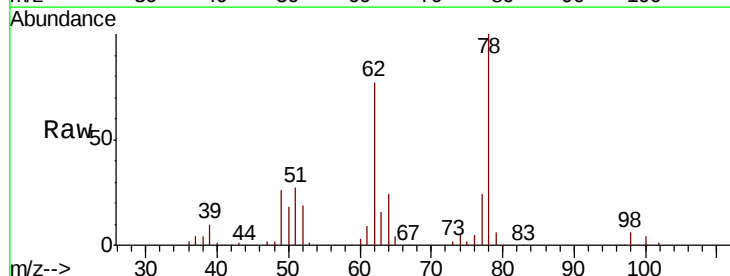
Instrument :
MSVOA_U
ClientSampled :
BFB

Tgt Ion: 41 Resp: 73838
Ion Ratio Lower Upper
41 100
39 51.7 42.9 64.3
67 61.1 52.4 78.6
52 26.0 21.3 31.9



#42
1,2-Dichloroethane
Concen: 51.760 ug/l
RT: 5.40 min Scan# 1316
Delta R.T. -0.00 min
Lab File: VU027163.D
Acq: 26 Sep 2018 09:19

Tgt Ion: 62 Resp: 105964
Ion Ratio Lower Upper
62 100
98 7.9 0.0 17.0

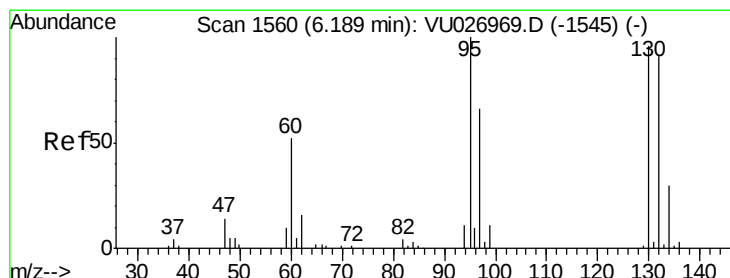
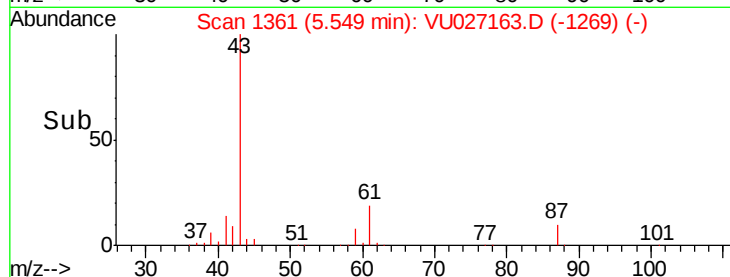
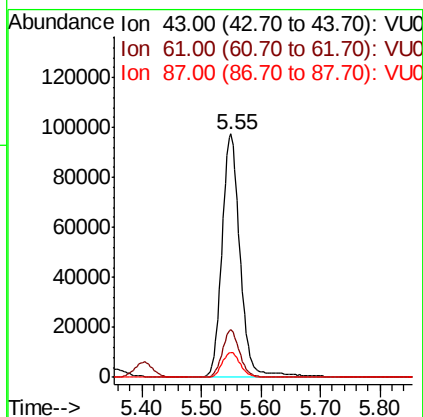
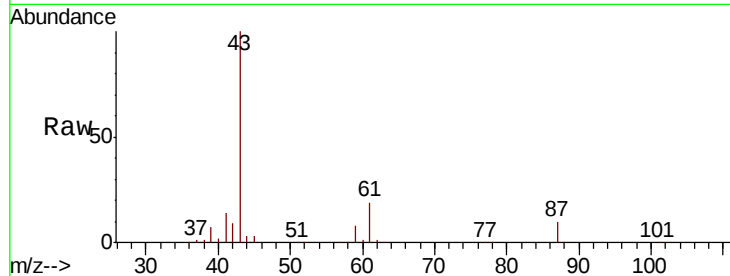




#43
Isopropyl Acetate
Concen: 58.337 ug/l
RT: 5.55 min Scan# 1361
Delta R.T. -0.00 min
Lab File: VU027163.D
Acq: 26 Sep 2018 09:19

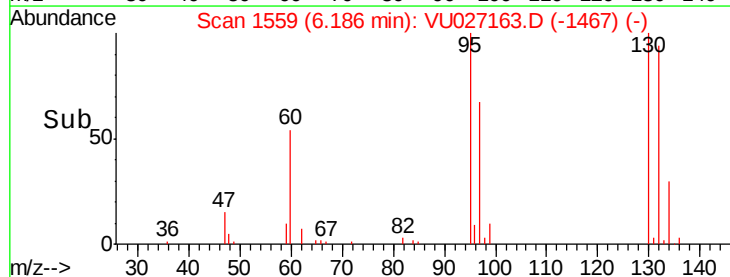
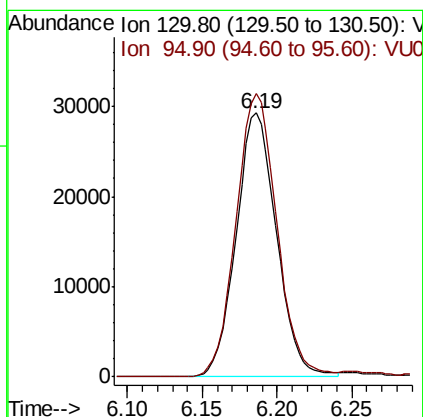
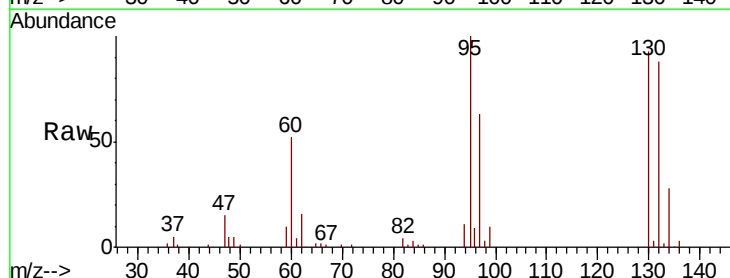
Instrument :
MSVOA_U
ClientSampleId :
BFB

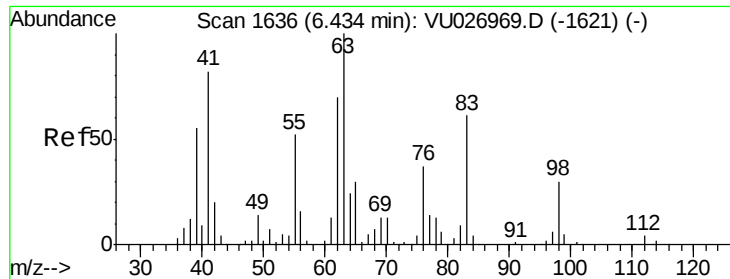
Tgt Ion: 43 Resp: 205287
Ion Ratio Lower Upper
43 100
61 18.5 15.7 23.5
87 10.3 9.0 13.4



#44
Trichloroethene
Concen: 47.766 ug/l
RT: 6.19 min Scan# 1559
Delta R.T. -0.00 min
Lab File: VU027163.D
Acq: 26 Sep 2018 09:19

Tgt Ion: 130 Resp: 55101
Ion Ratio Lower Upper
130 100
95 107.2 0.0 208.8





#45

1,2-Dichloropropane

Concen: 51.967 ug/l

RT: 6.43 min Scan# 1636

Delta R.T. -0.00 min

Lab File: VU027163.D

Acq: 26 Sep 2018 09:19

Instrument :

MSVOA_U

ClientSampleId :

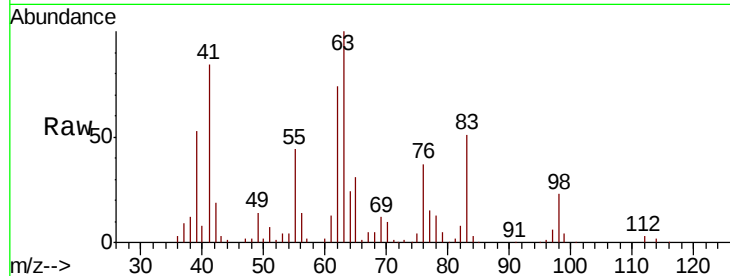
BFB

Tgt Ion: 63 Resp: 80234

Ion Ratio Lower Upper

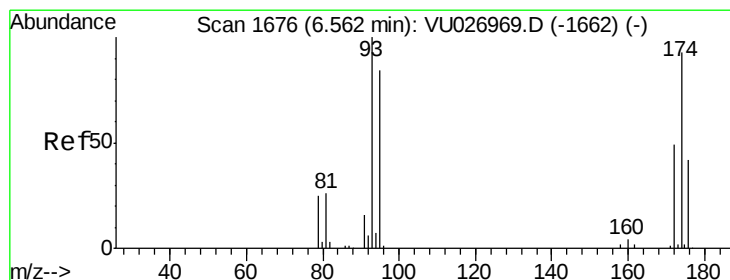
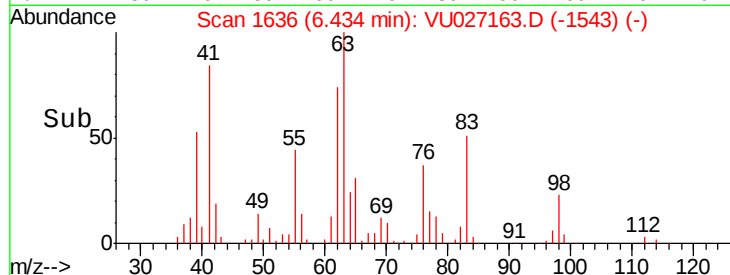
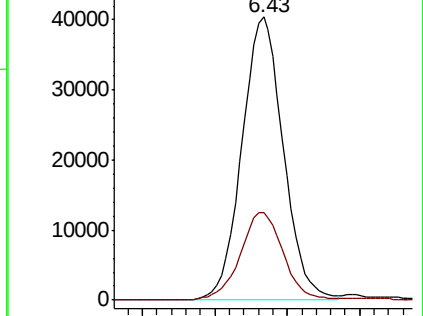
63 100

65 30.9 24.3 36.5



Abundance Ion 62.90 (62.60 to 63.60): VU027163.D (-1543) (-)

Ion 64.90 (64.60 to 65.60): VU027163.D (-1543) (-)



#46

Dibromomethane

Concen: 49.994 ug/l

RT: 6.56 min Scan# 1675

Delta R.T. -0.00 min

Lab File: VU027163.D

Acq: 26 Sep 2018 09:19

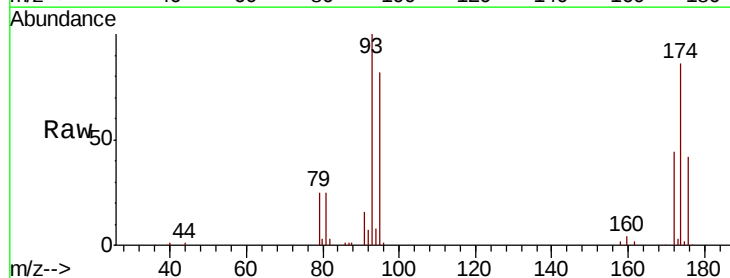
Tgt Ion: 93 Resp: 46617

Ion Ratio Lower Upper

93 100

95 82.3 66.2 99.4

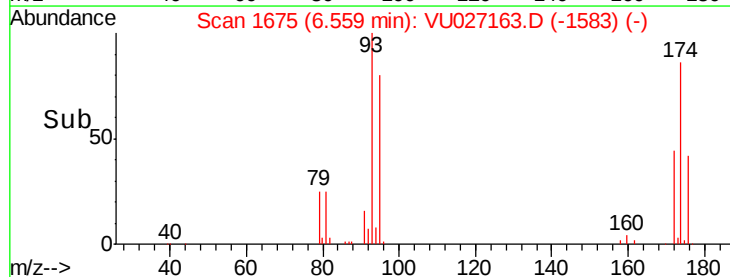
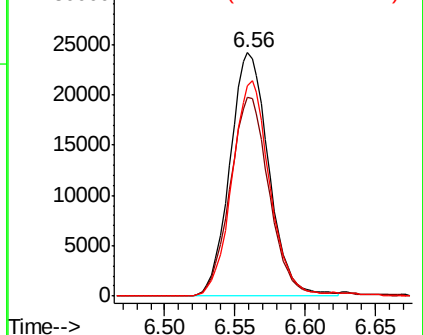
174 85.5 71.7 107.5

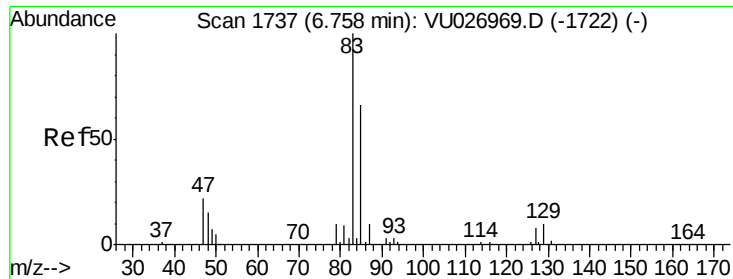


Abundance Ion 92.80 (92.50 to 93.50): VU027163.D (-1583) (-)

Ion 94.80 (94.50 to 95.50): VU027163.D (-1583) (-)

Ion 173.70 (173.40 to 174.40): VU027163.D (-1583) (-)

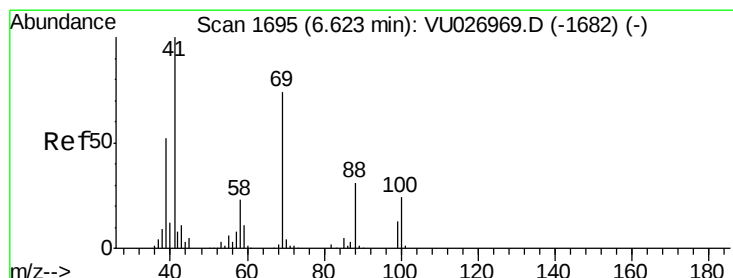
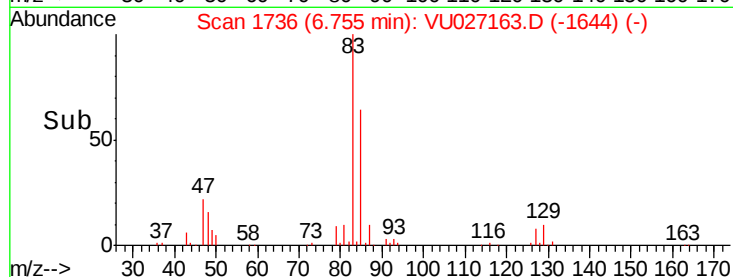
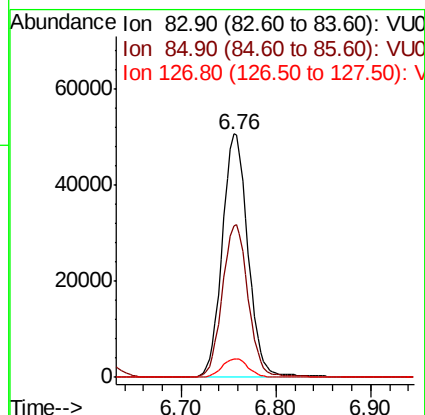
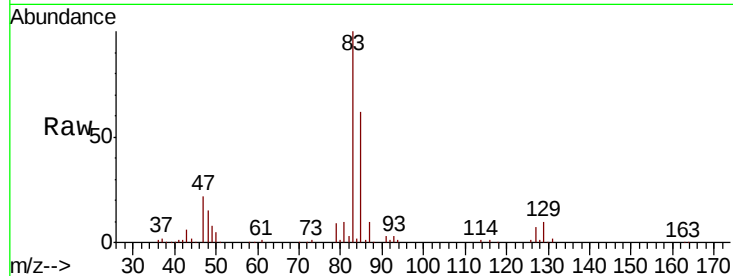




#47
Bromodichloromethane
Concen: 50.900 ug/l
RT: 6.76 min Scan# 1736
Delta R.T. -0.00 min
Lab File: VU027163.D
Acq: 26 Sep 2018 09:19

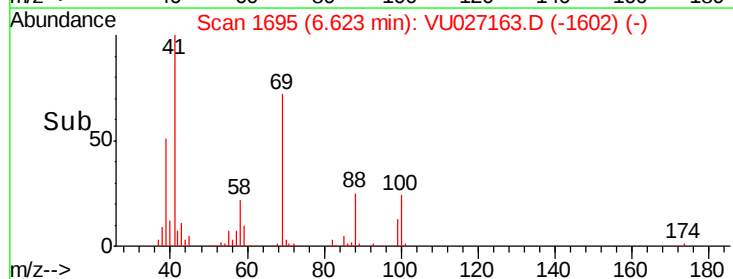
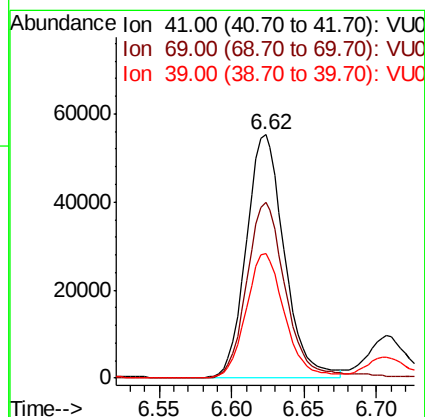
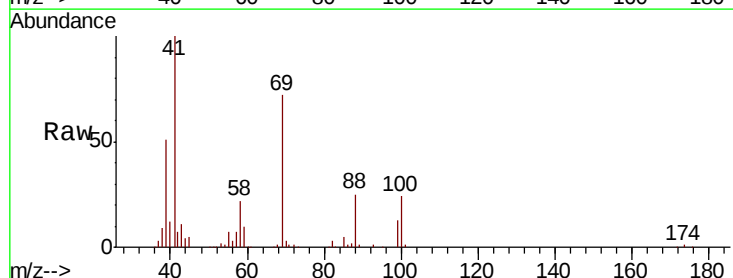
Instrument :
MSVOA_U
ClientSampleId :
BFB

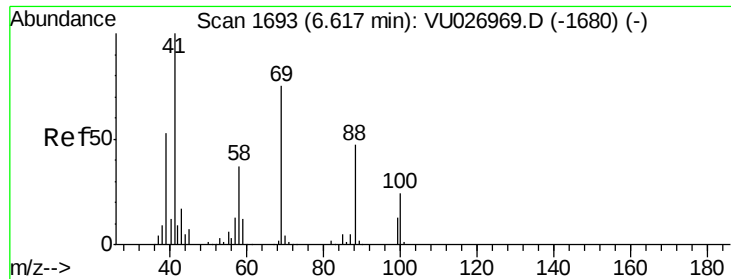
Tgt Ion: 83 Resp: 95970
Ion Ratio Lower Upper
83 100
85 62.2 52.5 78.7
127 7.4 6.3 9.5



#48
Methyl methacrylate
Concen: 52.888 ug/l
RT: 6.62 min Scan# 1695
Delta R.T. 0.00 min
Lab File: VU027163.D
Acq: 26 Sep 2018 09:19

Tgt Ion: 41 Resp: 101410
Ion Ratio Lower Upper
41 100
69 74.9 60.6 90.8
39 51.6 42.8 64.2

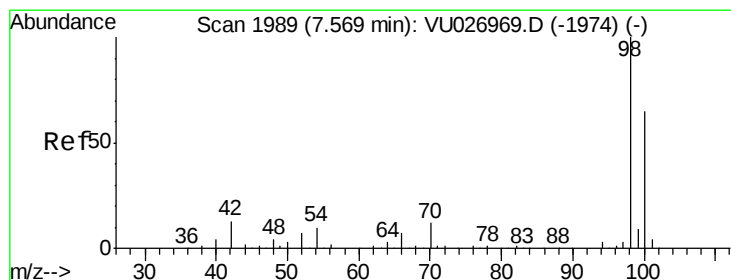
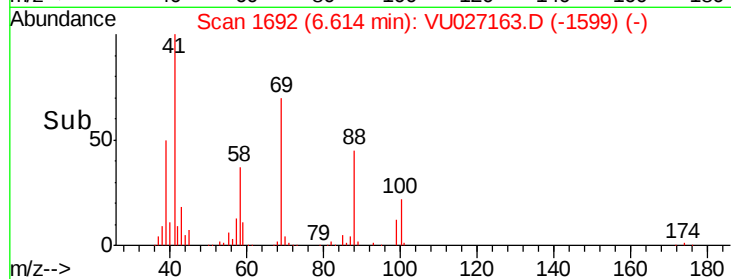
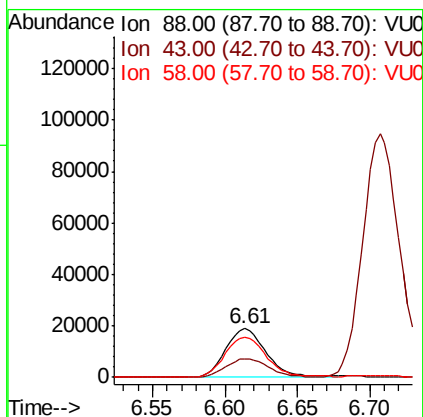
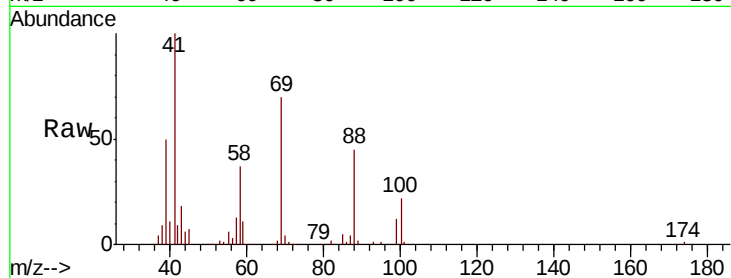




#49
1,4-Dioxane
Concen: 970.971 ug/l
RT: 6.61 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VU027163.D
Acq: 26 Sep 2018 09:19

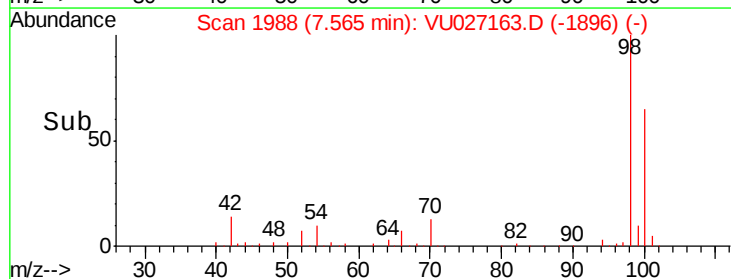
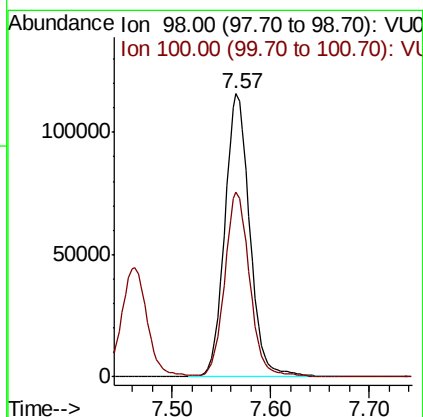
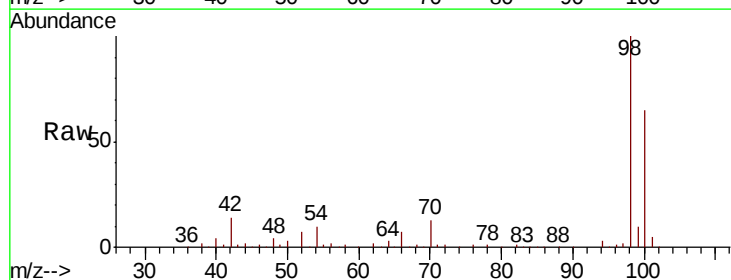
Instrument :
MSVOA_U
ClientSampleId :
BFB

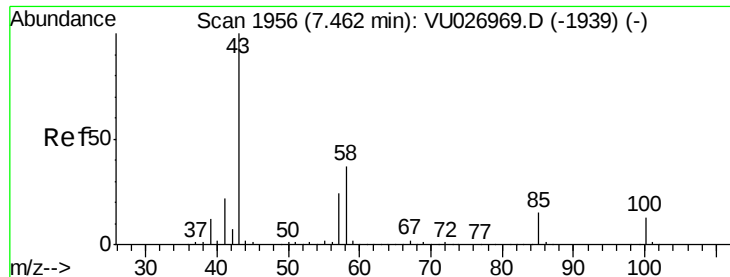
Tgt Ion: 88 Resp: 36935
Ion Ratio Lower Upper
88 100
43 40.2 29.8 44.8
58 84.8 63.9 95.9



#50
Toluene-d8
Concen: 46.628 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. -0.00 min
Lab File: VU027163.D
Acq: 26 Sep 2018 09:19

Tgt Ion: 98 Resp: 205714
Ion Ratio Lower Upper
98 100
100 65.3 52.1 78.1





#51

4-Methyl-2-Pentanone

Concen: 285.071 ug/l

RT: 7.46 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VU027163.D

Acq: 26 Sep 2018 09:19

Instrument :

MSVOA_U

ClientSampleId :

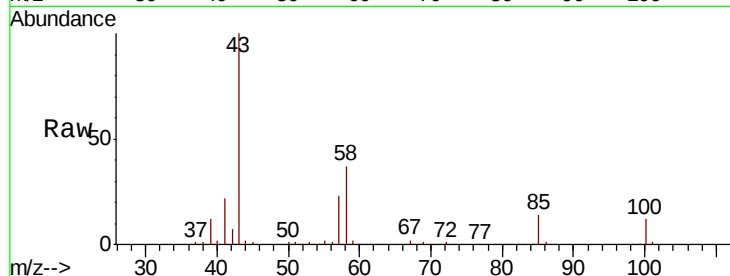
BFB

Tgt Ion: 43 Resp: 674685

Ion Ratio Lower Upper

43 100

58 37.1 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

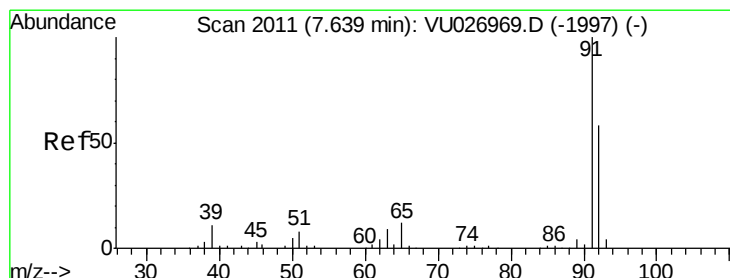
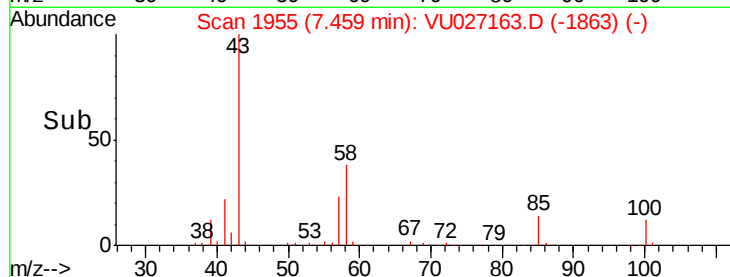
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 50.943 ug/l

RT: 7.64 min Scan# 2010

Delta R.T. -0.00 min

Lab File: VU027163.D

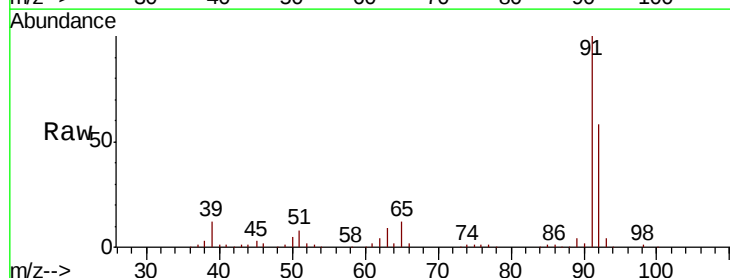
Acq: 26 Sep 2018 09:19

Tgt Ion: 92 Resp: 158224

Ion Ratio Lower Upper

92 100

91 172.0 136.4 204.6



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

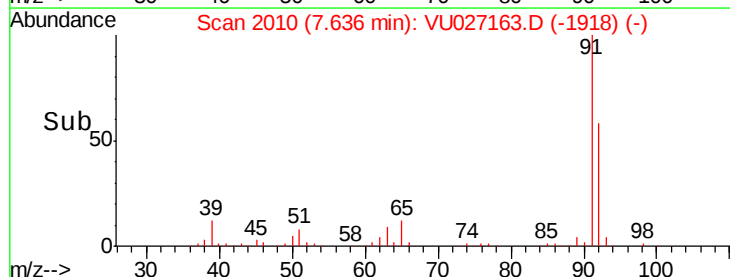
150000

100000

50000

0

Time-->

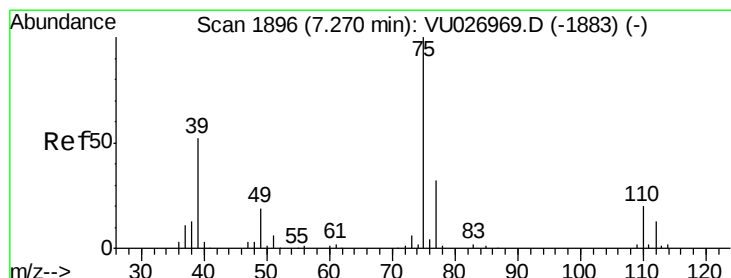
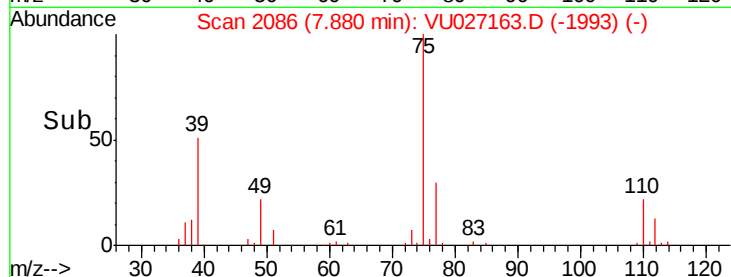
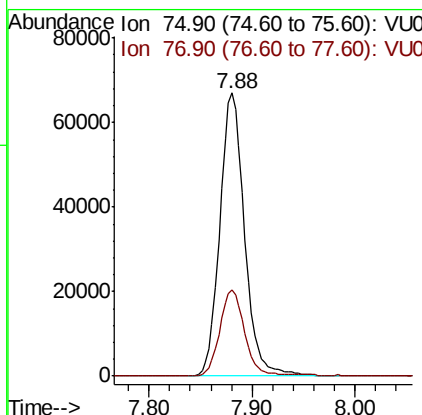
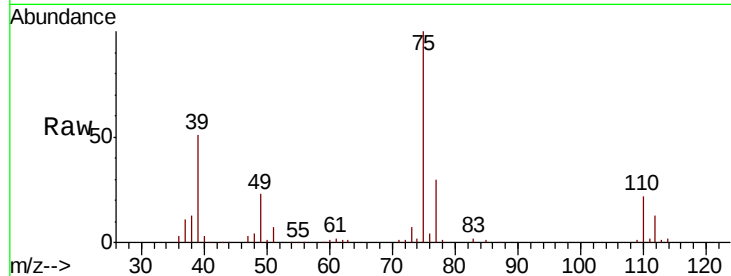




#53
t-1,3-Dichloropropene
Concen: 55.162 ug/l
RT: 7.88 min Scan# 2086
Delta R.T. -0.00 min
Lab File: VU027163.D
Acq: 26 Sep 2018 09:19

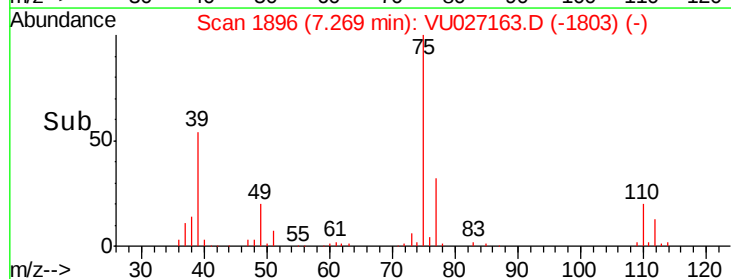
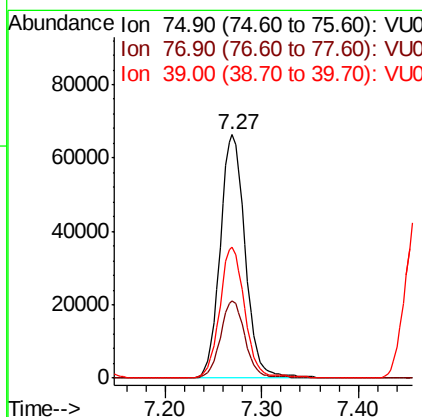
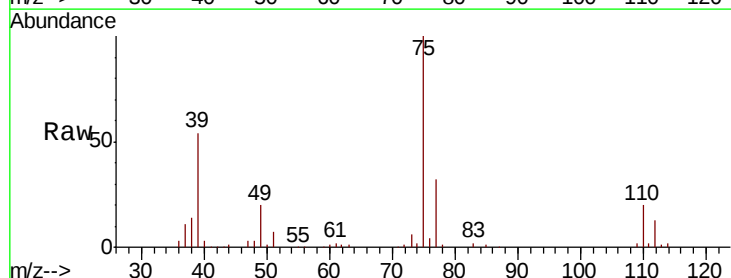
Instrument :
MSVOA_U
ClientSampleId :
BFB

Tgt Ion: 75 Resp: 111747
Ion Ratio Lower Upper
75 100
77 30.3 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 53.455 ug/l
RT: 7.27 min Scan# 1896
Delta R.T. -0.00 min
Lab File: VU027163.D
Acq: 26 Sep 2018 09:19

Tgt Ion: 75 Resp: 119065
Ion Ratio Lower Upper
75 100
77 31.6 25.4 38.0
39 53.5 41.6 62.4

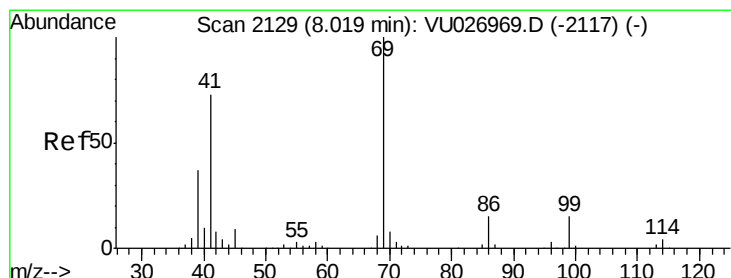
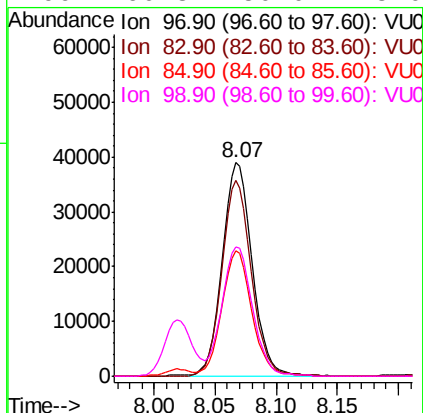
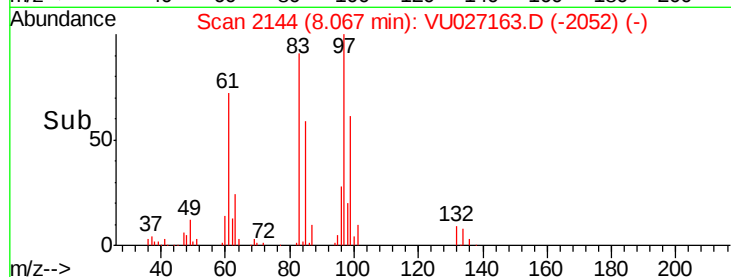
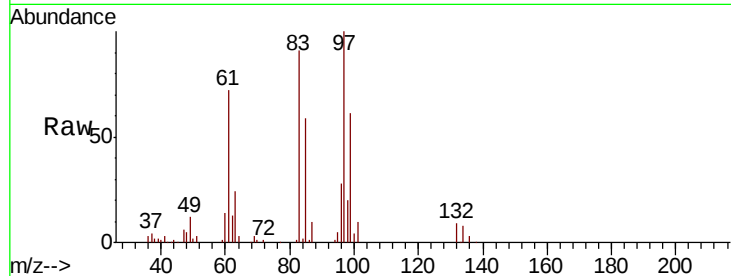




#55
 1,1,2-Trichloroethane
 Concen: 51.030 ug/l
 RT: 8.07 min Scan# 2144
 Delta R.T. -0.00 min
 Lab File: VU027163.D
 Acq: 26 Sep 2018 09:19

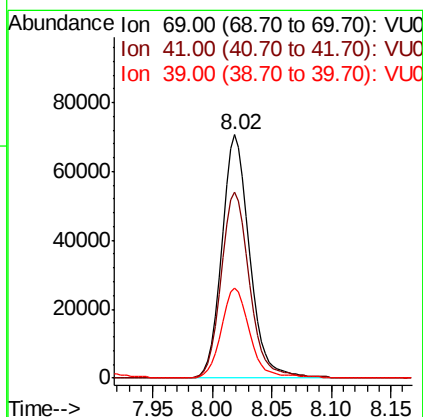
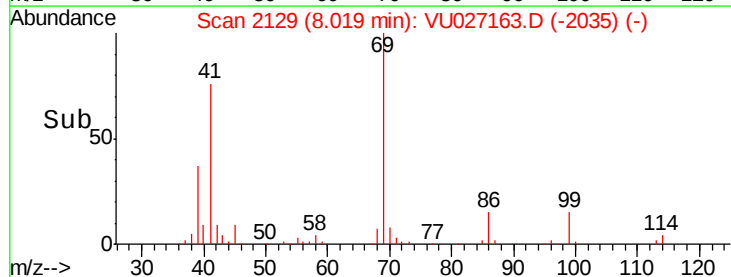
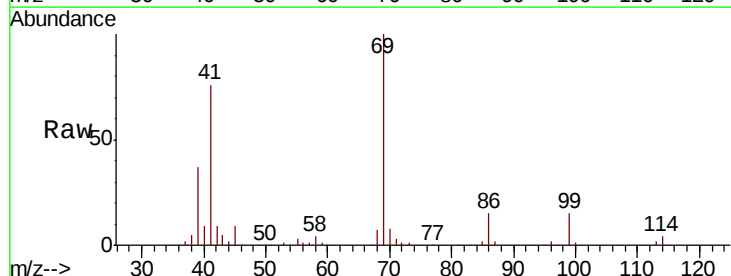
Instrument :
 MSVOA_U
 ClientSampled :
 BFB

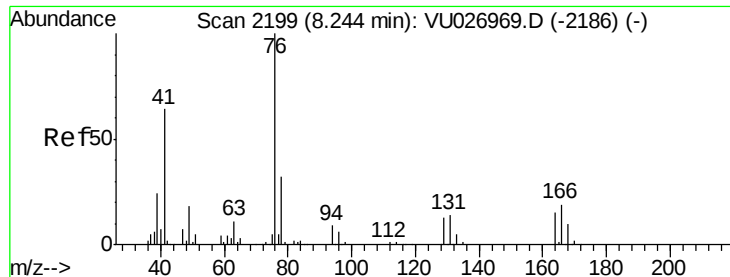
Tgt Ion:	97	Resp:	67158
Ion	Ratio	Lower	Upper
97	100		
83	91.5	73.1	109.7
85	58.6	46.7	70.1
99	60.8	50.0	75.0



#56
 Ethyl methacrylate
 Concen: 50.177 ug/l
 RT: 8.02 min Scan# 2129
 Delta R.T. 0.00 min
 Lab File: VU027163.D
 Acq: 26 Sep 2018 09:19

Tgt Ion:	69	Resp:	114597
Ion	Ratio	Lower	Upper
69	100		
41	78.8	59.0	88.4
39	37.1	30.2	45.4





#57

1,3-Dichloropropane

Concen: 52.286 ug/l

RT: 8.24 min Scan# 2199

Delta R.T. -0.00 min

Lab File: VU027163.D

Acq: 26 Sep 2018 09:19

Instrument :

MSVOA_U

ClientSampleId :

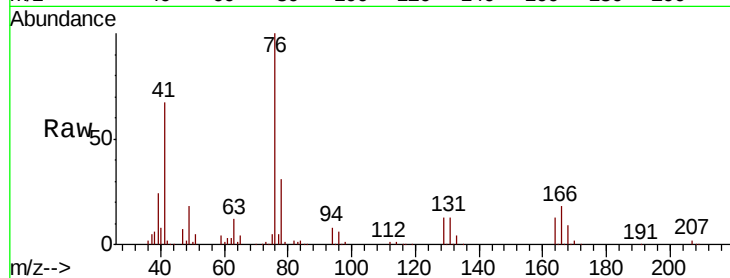
BFB

Tgt Ion: 76 Resp: 127984

Ion Ratio Lower Upper

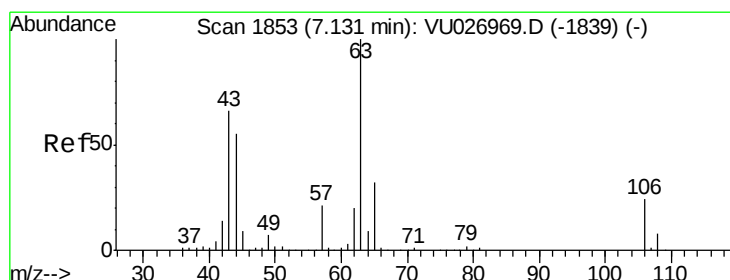
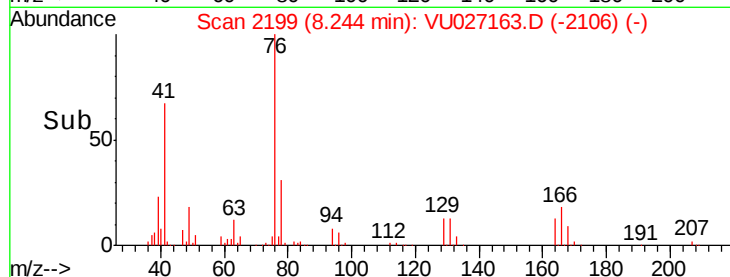
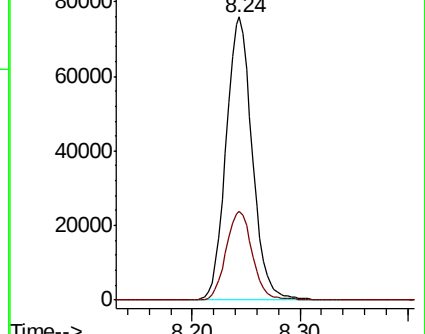
76 100

78 31.6 25.5 38.3



Abundance Ion 75.90 (75.60 to 76.60): VU0

Ion 77.90 (77.60 to 78.60): VU0



#58

2-Chloroethyl Vinyl ether

Concen: 253.383 ug/l

RT: 7.13 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VU027163.D

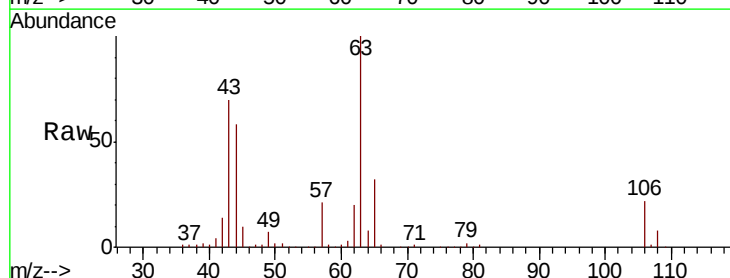
Acq: 26 Sep 2018 09:19

Tgt Ion: 63 Resp: 328452

Ion Ratio Lower Upper

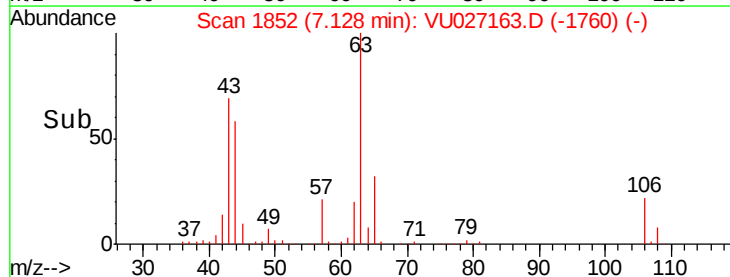
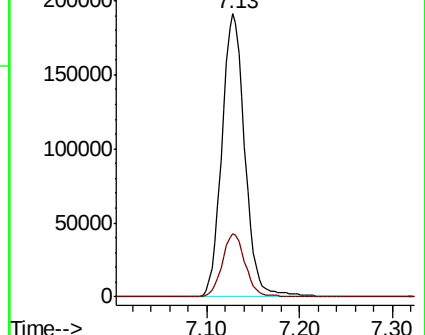
63 100

106 22.5 18.7 28.1



Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 105.90 (105.60 to 106.60): V

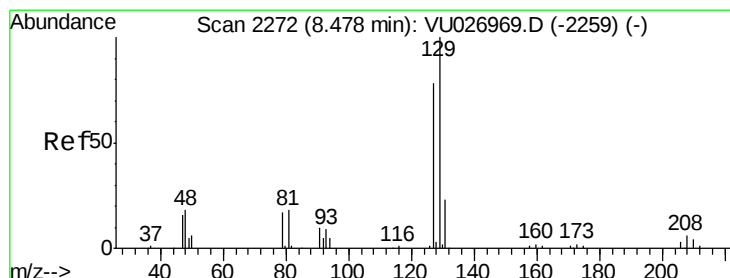
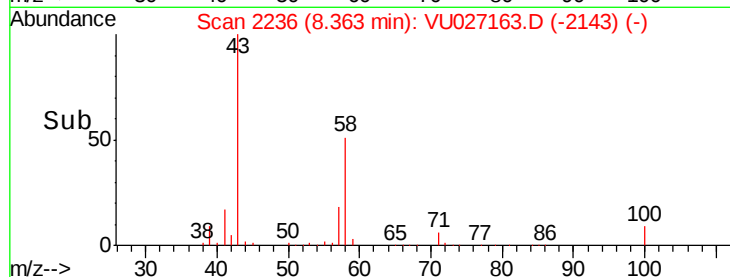
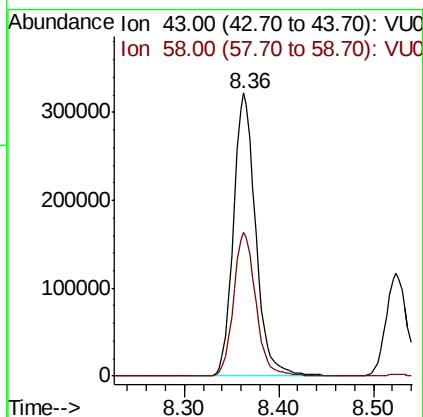
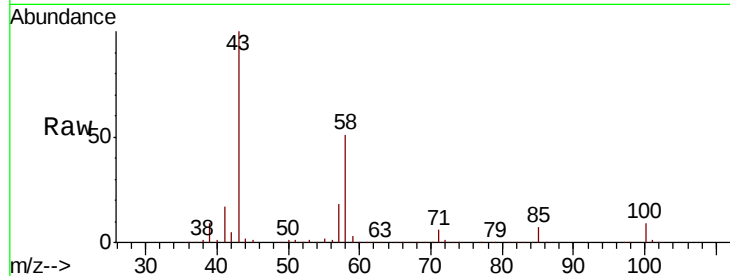




#59
2-Hexanone
Concen: 284.566 ug/l
RT: 8.36 min Scan# 2236
Delta R.T. -0.00 min
Lab File: VU027163.D
Acq: 26 Sep 2018 09:19

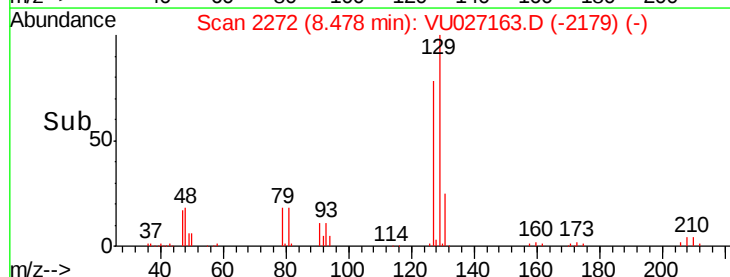
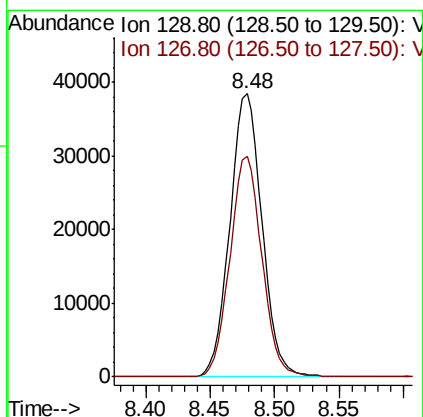
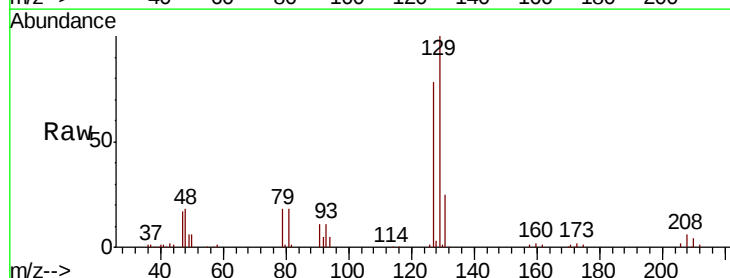
Instrument :
MSVOA_U
ClientSampled :
BFB

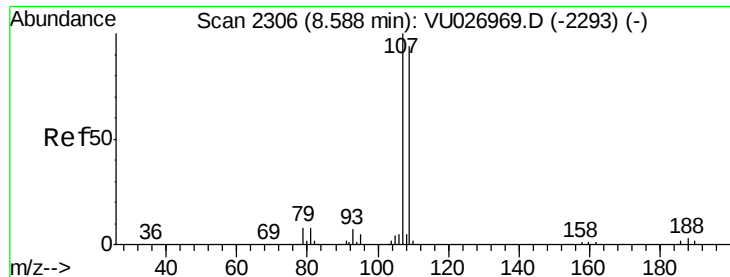
Tgt Ion: 43 Resp: 527193
Ion Ratio Lower Upper
43 100
58 50.9 26.1 78.2



#60
Dibromochloromethane
Concen: 51.638 ug/l
RT: 8.48 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VU027163.D
Acq: 26 Sep 2018 09:19

Tgt Ion: 129 Resp: 66660
Ion Ratio Lower Upper
129 100
127 77.3 38.1 114.5





#61

1,2-Dibromoethane

Concen: 50.102 ug/l

RT: 8.59 min Scan# 2306

Delta R.T. -0.00 min

Lab File: VU027163.D

Acq: 26 Sep 2018 09:19

Instrument :

MSVOA_U

ClientSampleId :

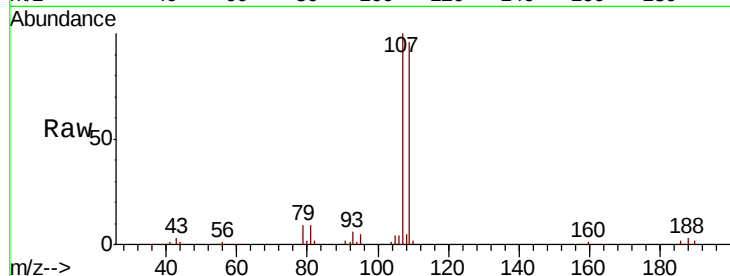
BFB

Tgt Ion: 107 Resp: 68605

Ion Ratio Lower Upper

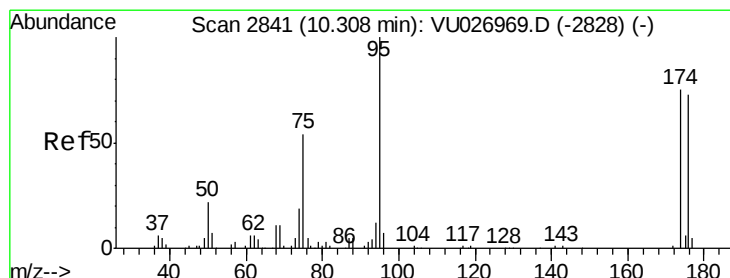
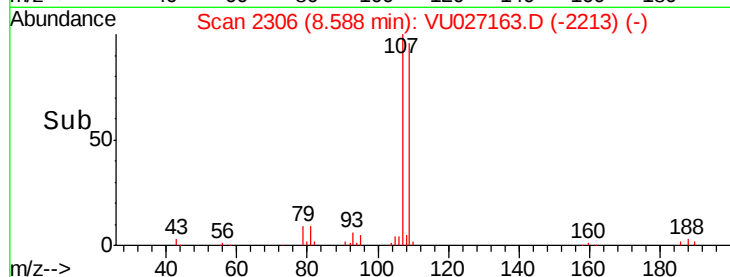
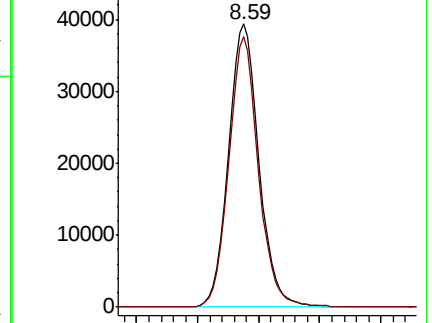
107 100

109 92.8 75.0 112.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.382 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.00 min

Lab File: VU027163.D

Acq: 26 Sep 2018 09:19

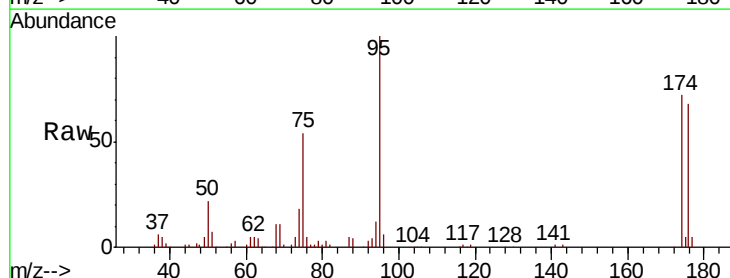
Tgt Ion: 95 Resp: 76271

Ion Ratio Lower Upper

95 100

174 71.7 0.0 150.2

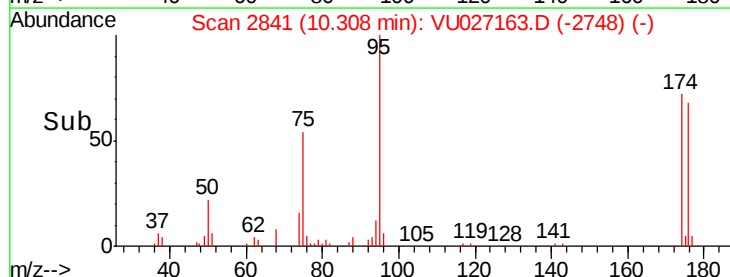
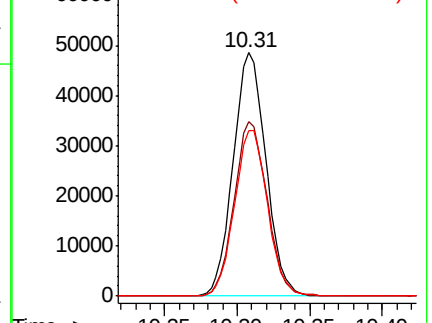
176 68.6 0.0 145.2

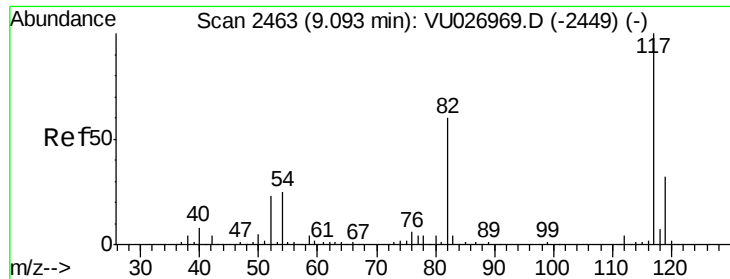


Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.09 min Scan# 2462

Delta R.T. -0.00 min

Lab File: VU027163.D

Acq: 26 Sep 2018 09:19

Instrument :

MSVOA_U

ClientSampleId :

BFB

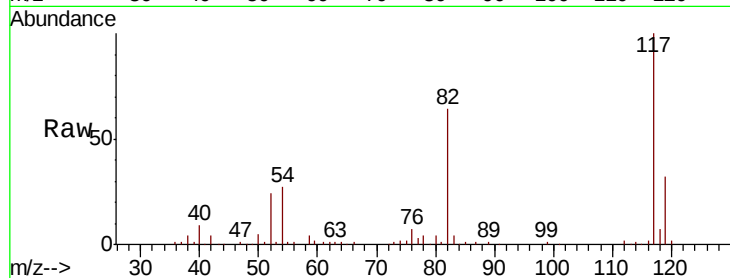
Tgt Ion:117 Resp: 127507

Ion Ratio Lower Upper

117 100

82 63.7 48.0 72.0

119 31.9 25.8 38.8

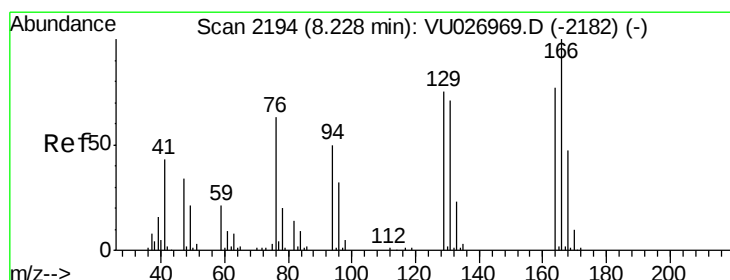
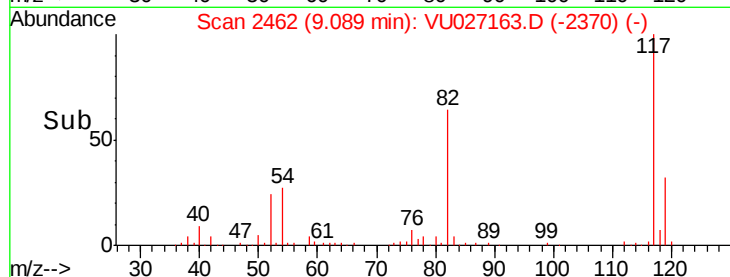
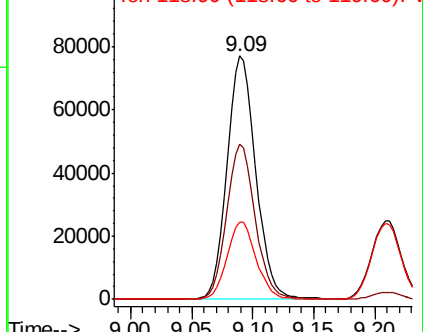


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 47.002 ug/l

RT: 8.23 min Scan# 2194

Delta R.T. 0.00 min

Lab File: VU027163.D

Acq: 26 Sep 2018 09:19

Tgt Ion:164 Resp: 46181

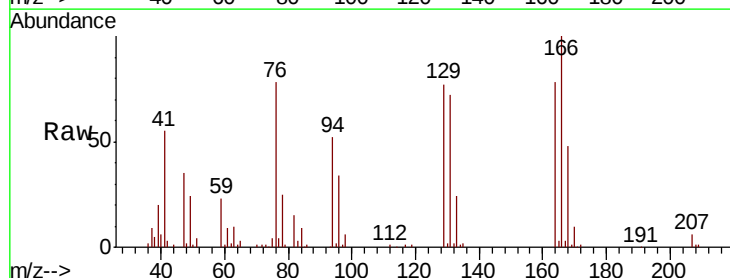
Ion Ratio Lower Upper

164 100

166 128.0 104.4 156.6

129 98.4 78.7 118.1

131 92.5 73.9 110.9



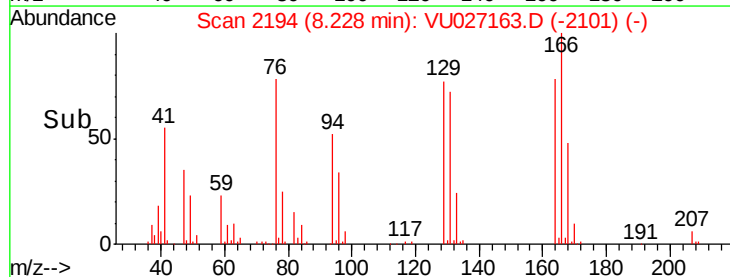
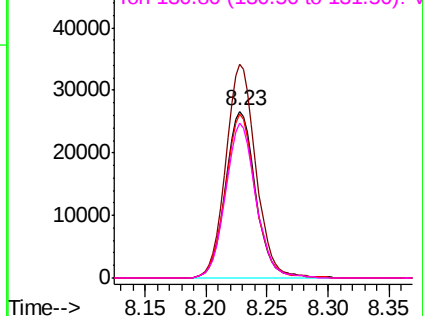
Abundance

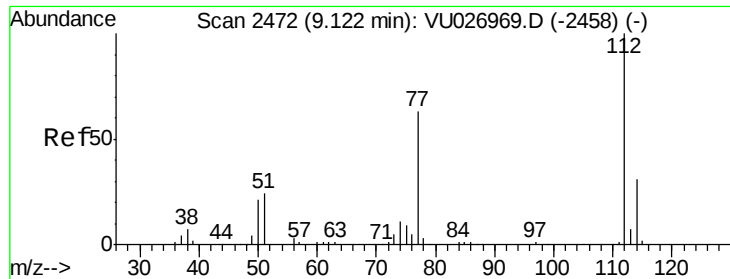
Ion 163.80 (163.50 to 164.50): V

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

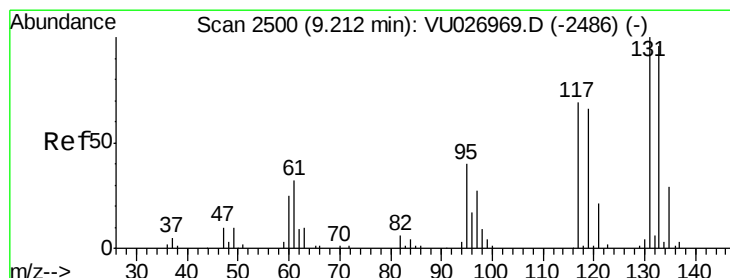
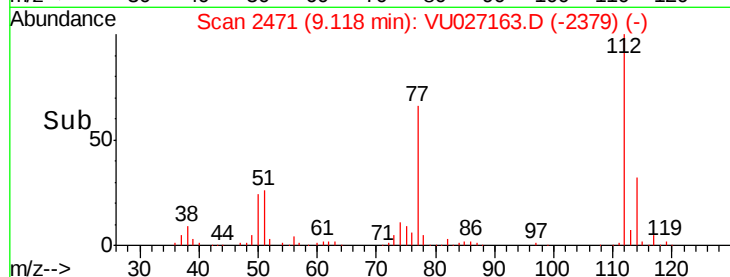
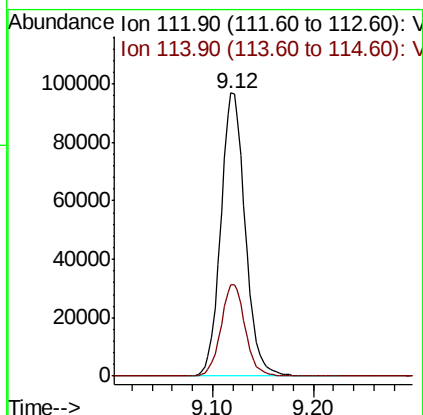
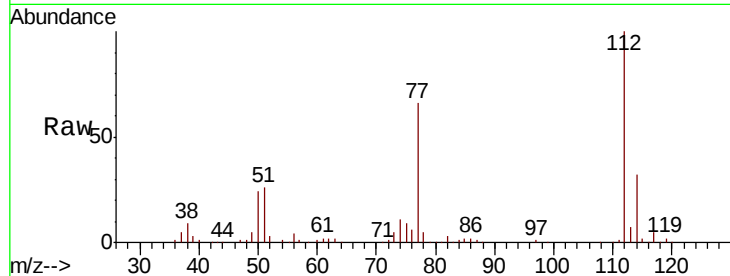




#65
 Chlorobenzene
 Concen: 48.471 ug/l
 RT: 9.12 min Scan# 2471
 Delta R.T. -0.00 min
 Lab File: VU027163.D
 Acq: 26 Sep 2018 09:19

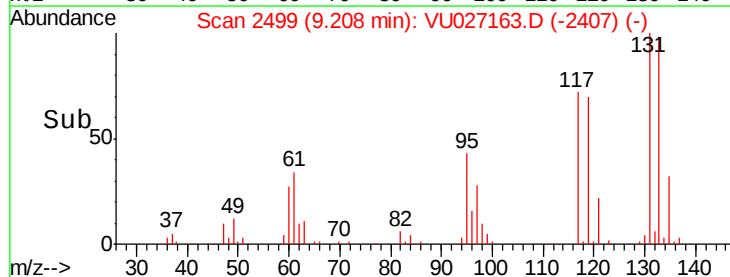
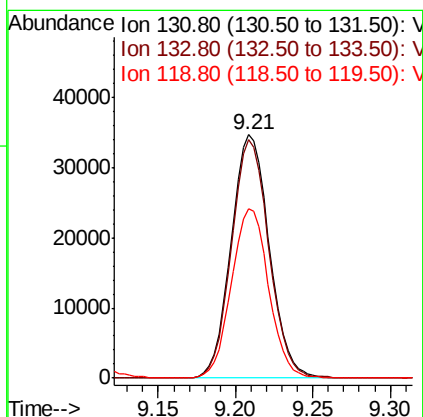
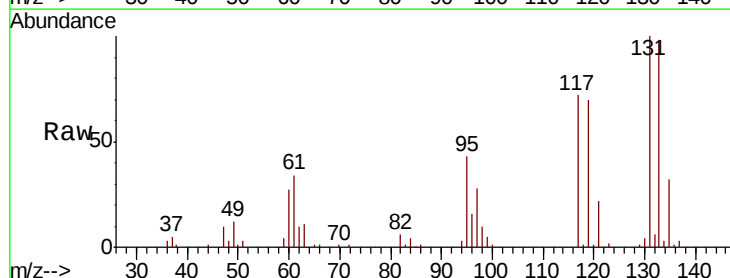
Instrument :
 MSVOA_U
 ClientSampled :
 BFB

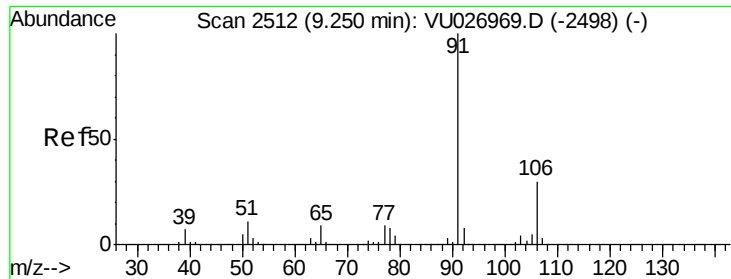
Tgt Ion:112 Resp: 163874
 Ion Ratio Lower Upper
 112 100
 114 32.1 25.0 37.6



#66
 1,1,1,2-Tetrachloroethane
 Concen: 50.943 ug/l
 RT: 9.21 min Scan# 2499
 Delta R.T. -0.00 min
 Lab File: VU027163.D
 Acq: 26 Sep 2018 09:19

Tgt Ion:131 Resp: 59322
 Ion Ratio Lower Upper
 131 100
 133 96.1 48.0 144.2
 119 68.0 33.4 100.1

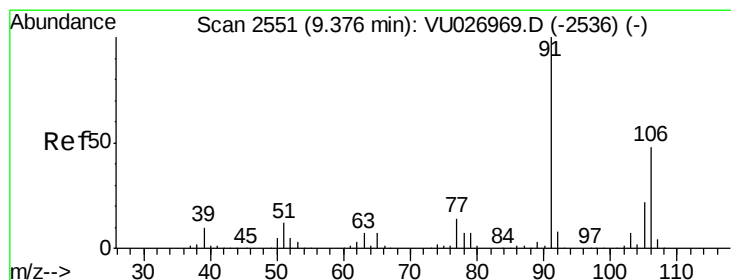
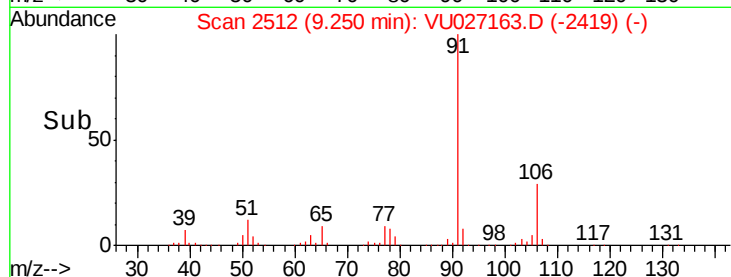
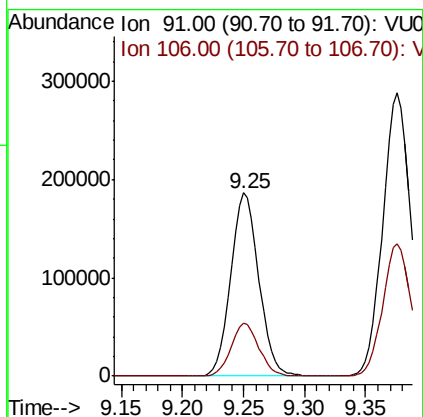
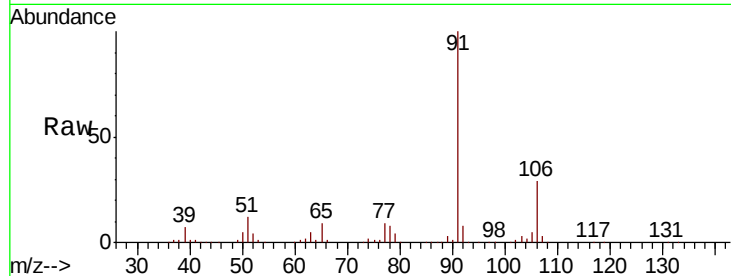




#67
Ethyl Benzene
Concen: 53.814 ug/l
RT: 9.25 min Scan# 2512
Delta R.T. 0.00 min
Lab File: VU027163.D
Acq: 26 Sep 2018 09:19

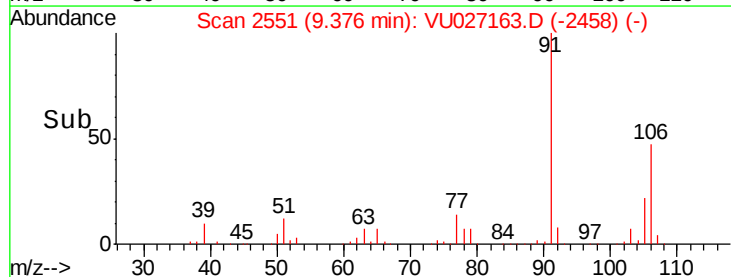
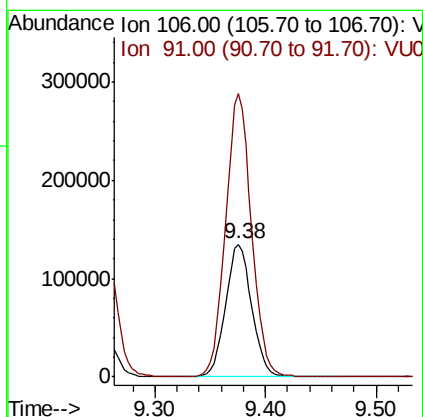
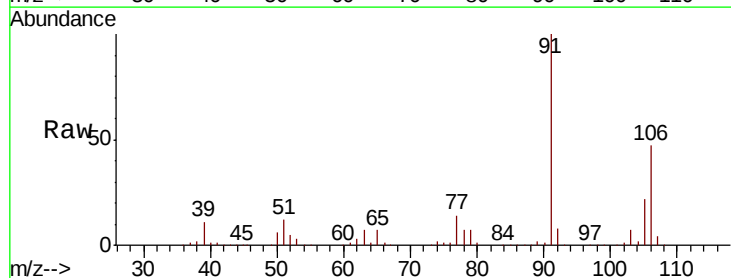
Instrument :
MSVOA_U
ClientSampled :
BFB

Tgt Ion: 91 Resp: 299178
Ion Ratio Lower Upper
91 100
106 29.2 23.8 35.8



#68
m/p-Xylenes
Concen: 98.186 ug/l
RT: 9.38 min Scan# 2551
Delta R.T. 0.00 min
Lab File: VU027163.D
Acq: 26 Sep 2018 09:19

Tgt Ion: 106 Resp: 221003
Ion Ratio Lower Upper
106 100
91 211.2 166.5 249.7

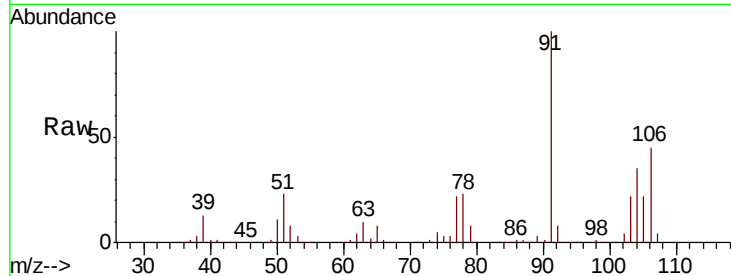




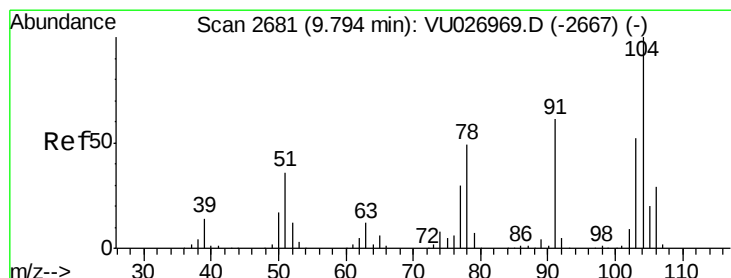
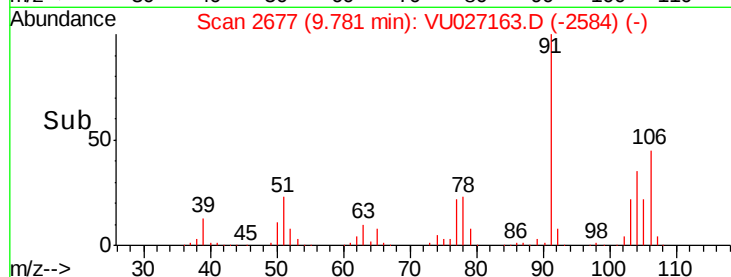
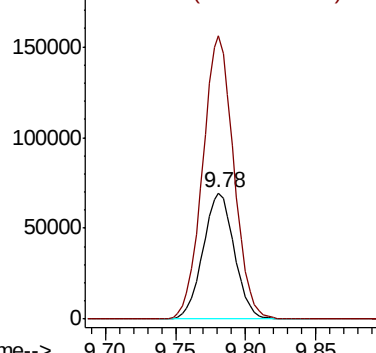
#69
o-Xylene
Concen: 54.754 ug/l
RT: 9.78 min Scan# 2677
Delta R.T. -0.00 min
Lab File: VU027163.D
Acq: 26 Sep 2018 09:19

Instrument :
MSVOA_U
ClientSampleId :
BFB

Tgt Ion:106 Resp: 107854
Ion Ratio Lower Upper
106 100
91 223.6 110.2 330.6

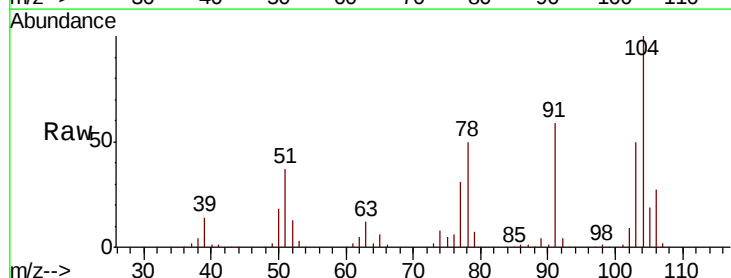


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

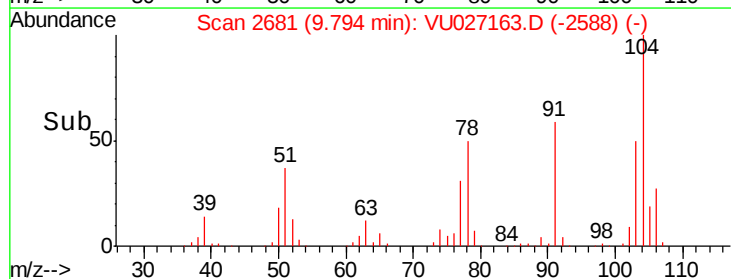
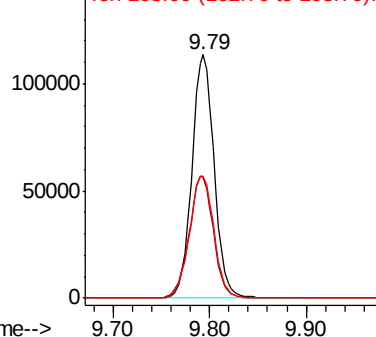


#70
Styrene
Concen: 49.156 ug/l
RT: 9.79 min Scan# 2681
Delta R.T. 0.00 min
Lab File: VU027163.D
Acq: 26 Sep 2018 09:19

Tgt Ion:104 Resp: 180676
Ion Ratio Lower Upper
104 100
78 54.7 43.0 64.4
103 55.2 44.1 66.1



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





#71

Bromoform

Concen: 54.167 ug/l

RT: 9.96 min Scan# 2733

Delta R.T. 0.00 min

Lab File: VU027163.D

Acq: 26 Sep 2018 09:19

Instrument :

MSVOA_U

ClientSampled :

BFB

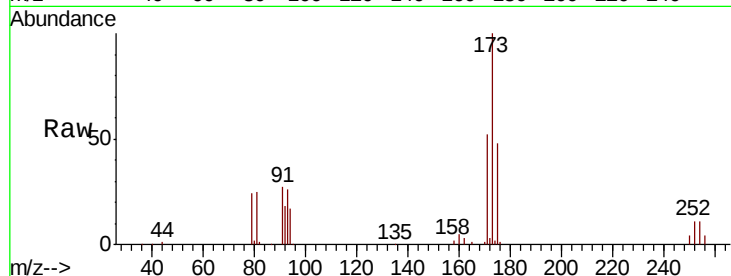
Tgt Ion:173 Resp: 48778

Ion Ratio Lower Upper

173 100

175 48.4 23.9 71.8

254 0.0 0.0 0.0

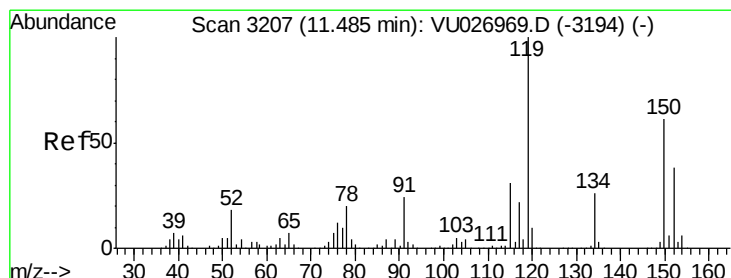
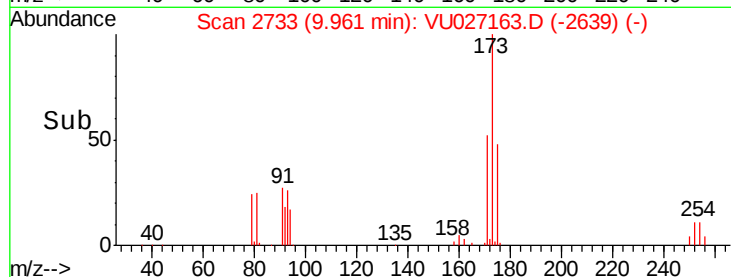
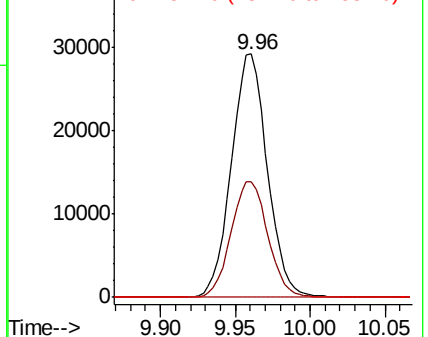


Abundance

Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.48 min Scan# 3207

Delta R.T. -0.00 min

Lab File: VU027163.D

Acq: 26 Sep 2018 09:19

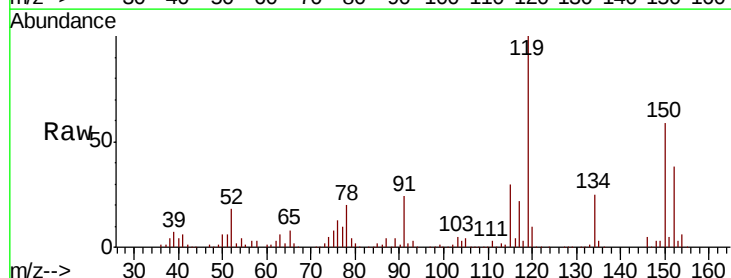
Tgt Ion:152 Resp: 69557

Ion Ratio Lower Upper

152 100

115 90.3 44.9 134.5

150 174.9 0.0 355.8

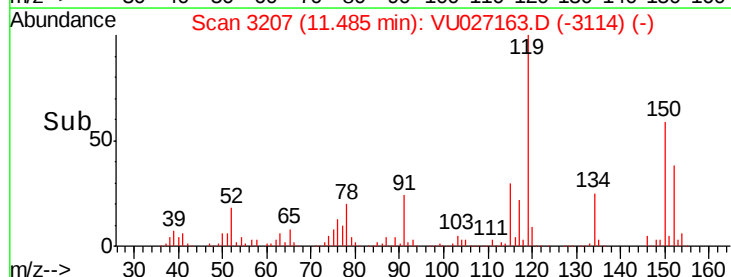
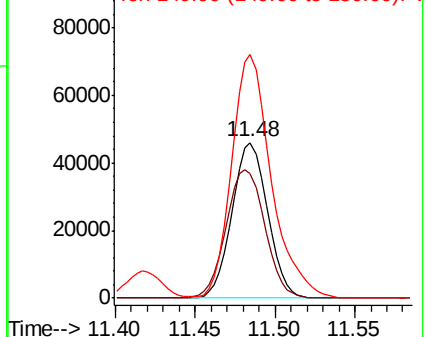


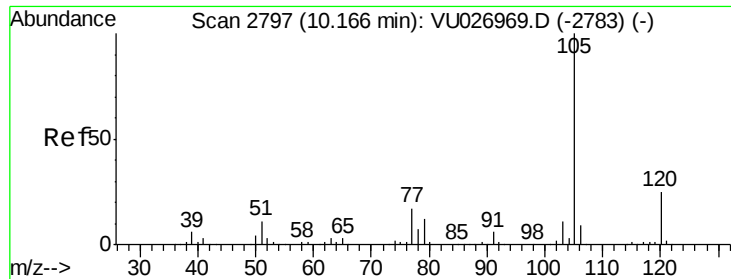
Abundance

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: 55.267 ug/l

RT: 10.17 min Scan# 2797

Delta R.T. -0.00 min

Lab File: VU027163.D

Acq: 26 Sep 2018 09:19

Instrument :

MSVOA_U

ClientSampled :

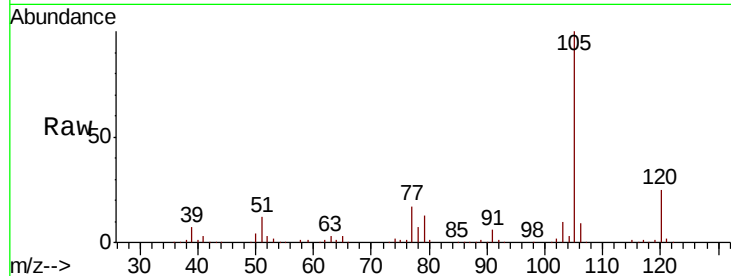
BFB

Tgt Ion: 105 Resp: 292425

Ion Ratio Lower Upper

105 100

120 25.4 12.8 38.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

200000

150000

100000

50000

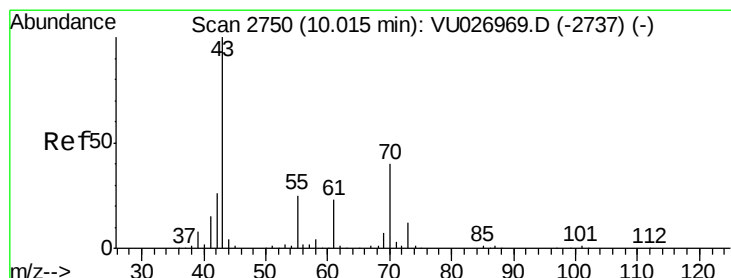
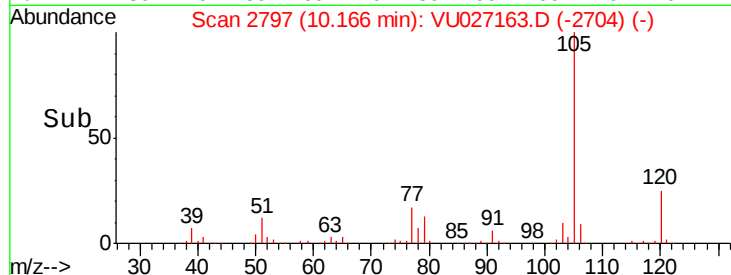
0

10.10

10.17

10.20

Time-->



#74

N-ethyl acetate

Concen: 59.185 ug/l

RT: 10.02 min Scan# 2750

Delta R.T. -0.00 min

Lab File: VU027163.D

Acq: 26 Sep 2018 09:19

Tgt Ion: 43 Resp: 181268

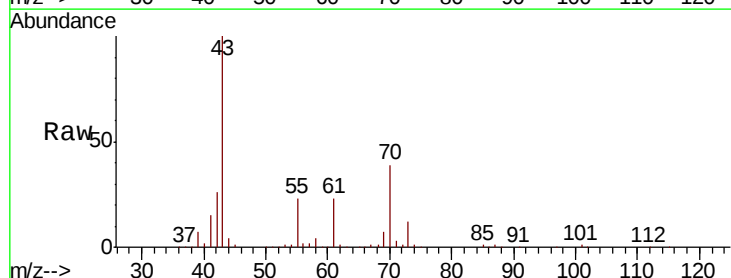
Ion Ratio Lower Upper

43 100

70 38.1 31.8 47.8

55 23.5 19.9 29.9

61 22.9 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

150000

100000

50000

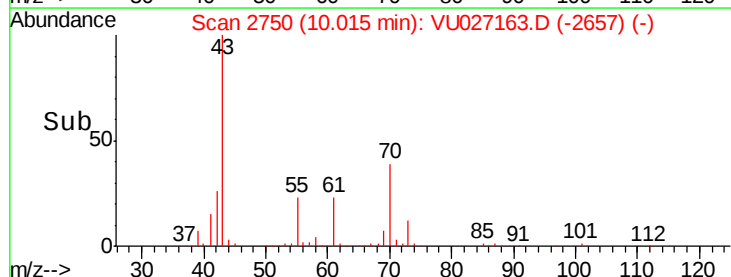
0

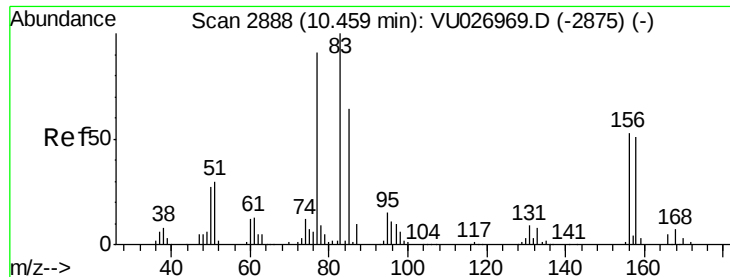
10.00

10.02

10.10

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 49.875 ug/l

RT: 10.46 min Scan# 2888

Delta R.T. -0.00 min

Lab File: VU027163.D

Acq: 26 Sep 2018 09:19

Instrument :

MSVOA_U

ClientSampled :

BFB

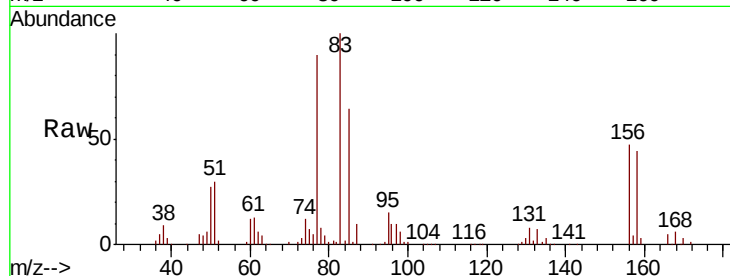
Tgt Ion: 83 Resp: 121332

Ion Ratio Lower Upper

83 100

131 8.4 4.3 12.8

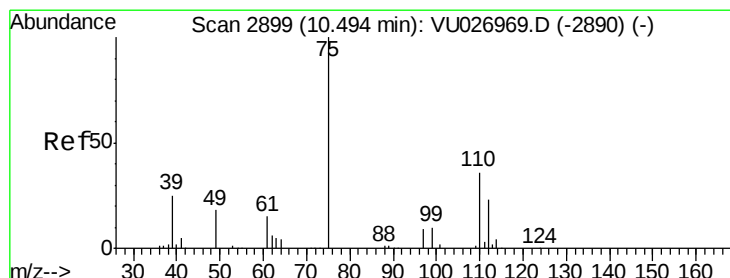
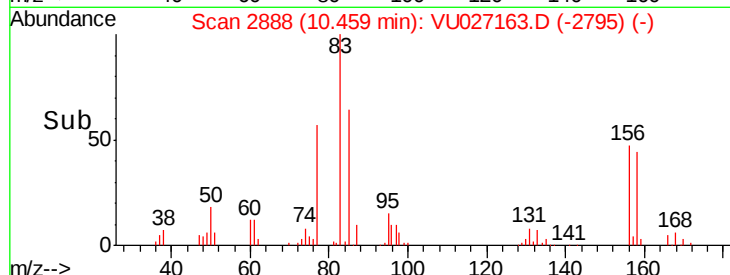
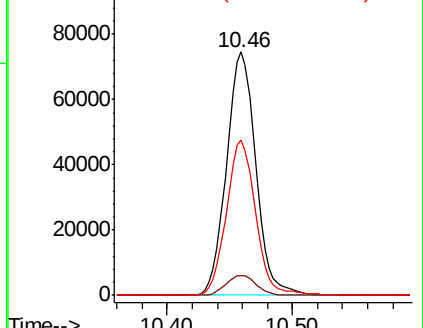
85 63.5 31.9 95.7



Abundance Ion 82.90 (82.60 to 83.60): VU027163.D (-2795) (-)

Ion 130.80 (130.50 to 131.50): VU027163.D (-2795) (-)

Ion 84.90 (84.60 to 85.60): VU027163.D (-2795) (-)



#76

1,2,3-Trichloropropane

Concen: 67.591 ug/l

RT: 10.49 min Scan# 2899

Delta R.T. -0.00 min

Lab File: VU027163.D

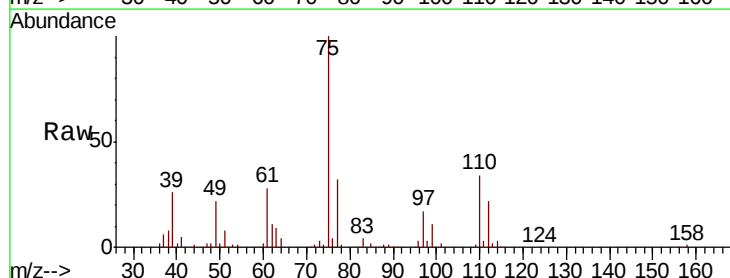
Acq: 26 Sep 2018 09:19

Tgt Ion: 75 Resp: 142827

Ion Ratio Lower Upper

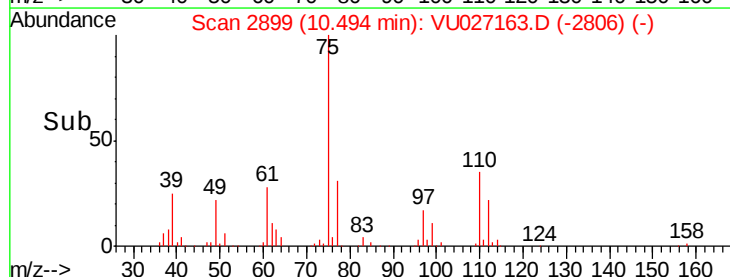
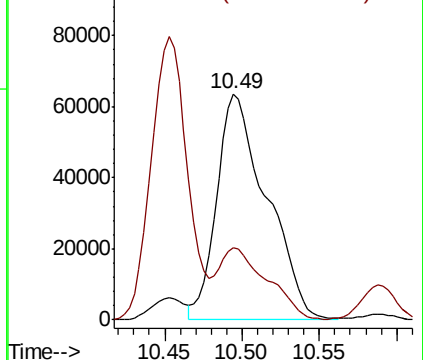
75 100

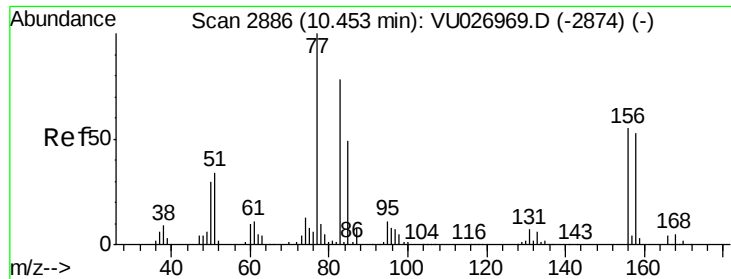
77 29.9 20.9 62.8



Abundance Ion 74.90 (74.60 to 75.60): VU027163.D (-2806) (-)

Ion 77.00 (76.70 to 77.70): VU027163.D (-2806) (-)





#77

Bromobenzene

Concen: 50.727 ug/l

RT: 10.45 min Scan# 2886

Delta R.T. -0.00 min

Lab File: VU027163.D

Acq: 26 Sep 2018 09:19

Instrument :

MSVOA_U

ClientSampleId :

BFB

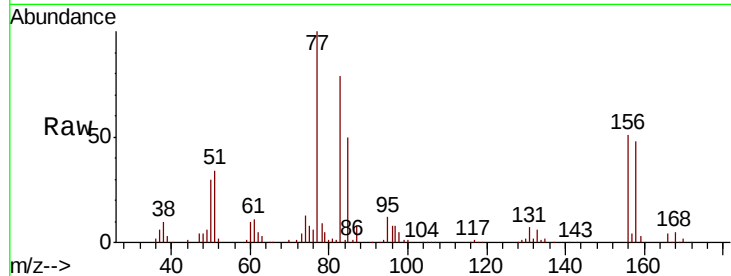
Tgt Ion:156 Resp: 65589

Ion Ratio Lower Upper

156 100

77 198.2 92.3 276.9

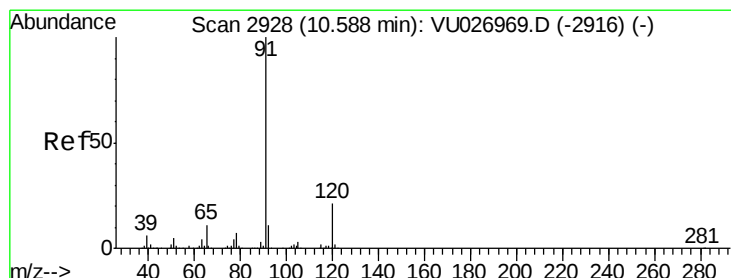
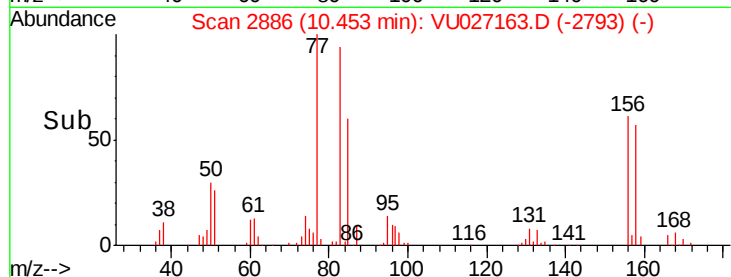
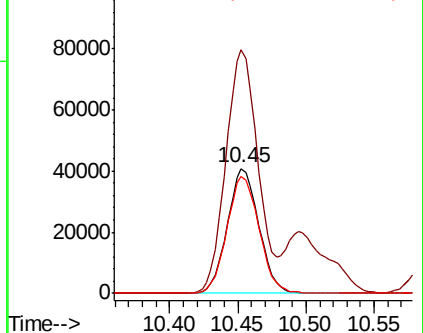
158 95.4 48.1 144.3



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: 56.680 ug/l

RT: 10.59 min Scan# 2928

Delta R.T. 0.00 min

Lab File: VU027163.D

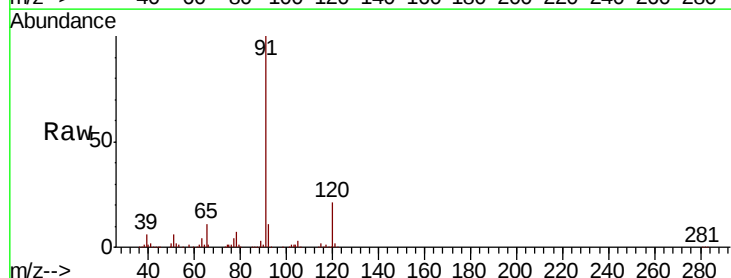
Acq: 26 Sep 2018 09:19

Tgt Ion: 91 Resp: 354853

Ion Ratio Lower Upper

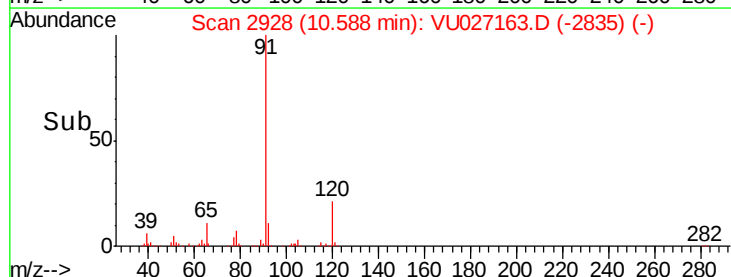
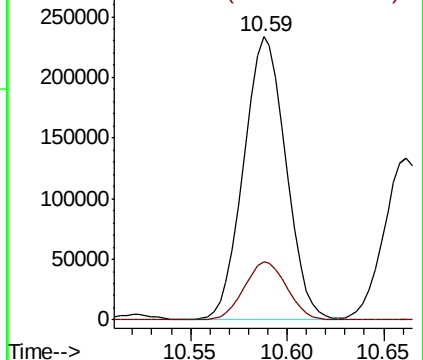
91 100

120 20.8 10.6 31.8



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V

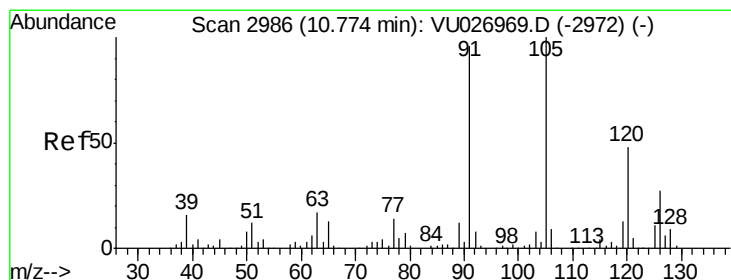
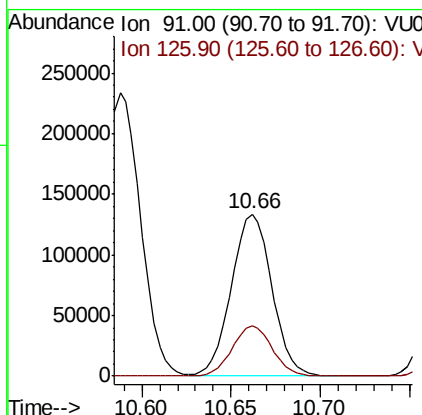
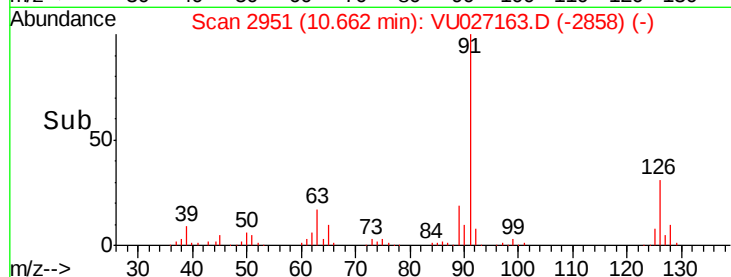
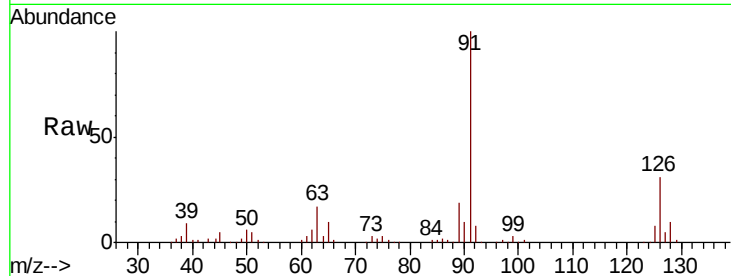




#79
 2-Chlorotoluene
 Concen: 53.533 ug/l
 RT: 10.66 min Scan# 2951
 Delta R.T. -0.00 min
 Lab File: VU027163.D
 Acq: 26 Sep 2018 09:19

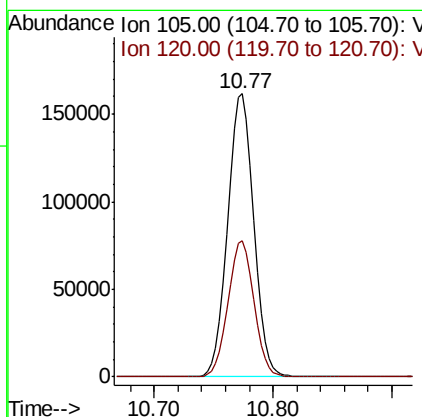
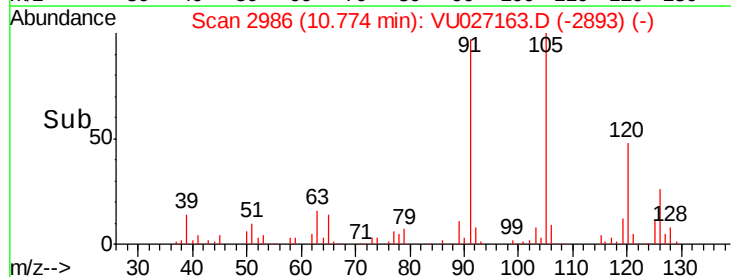
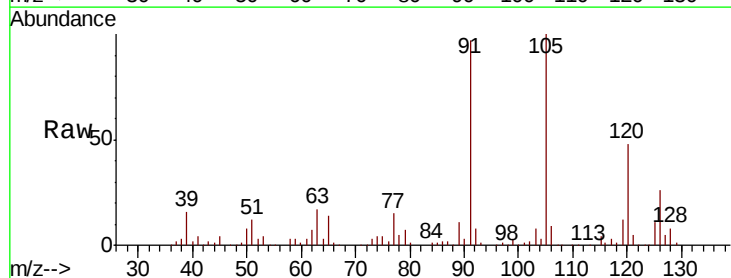
Instrument :
 MSVOA_U
 ClientSampled :
 BFB

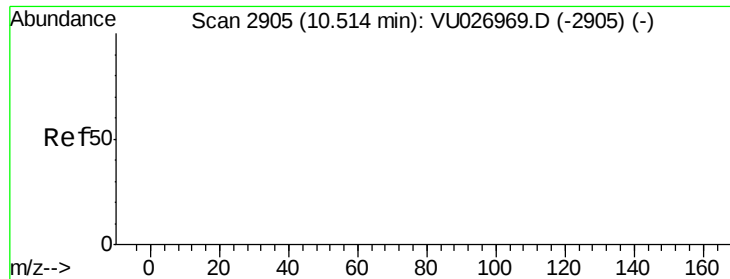
Tgt Ion: 91 Resp: 210517
 Ion Ratio Lower Upper
 91 100
 126 30.9 15.8 47.3



#80
 1,3,5-Trimethylbenzene
 Concen: 56.157 ug/l
 RT: 10.77 min Scan# 2986
 Delta R.T. -0.00 min
 Lab File: VU027163.D
 Acq: 26 Sep 2018 09:19

Tgt Ion: 105 Resp: 245277
 Ion Ratio Lower Upper
 105 100
 120 47.8 23.9 71.7





#81

trans-1,4-Dichloro-2-butene

Concen: 216.302 ug/l

RT: 10.49 min Scan# 2899

Delta R.T. -0.02 min

Lab File: VU027163.D

Acq: 26 Sep 2018 09:19

Instrument :

MSVOA_U

ClientSampleId :

BFB

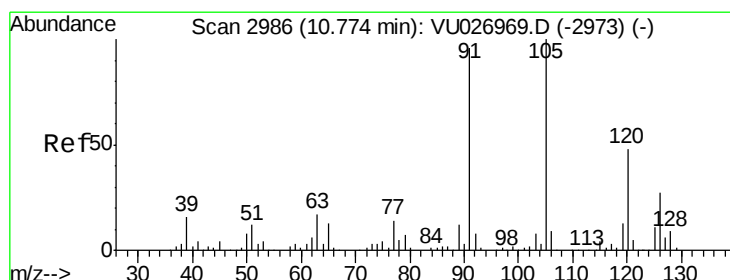
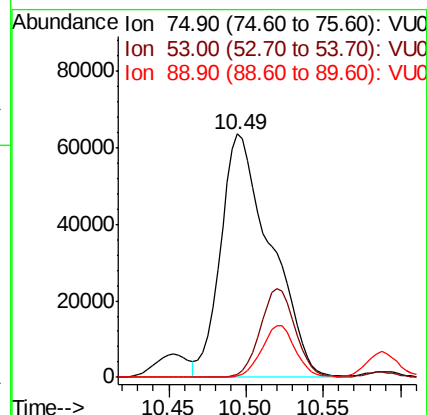
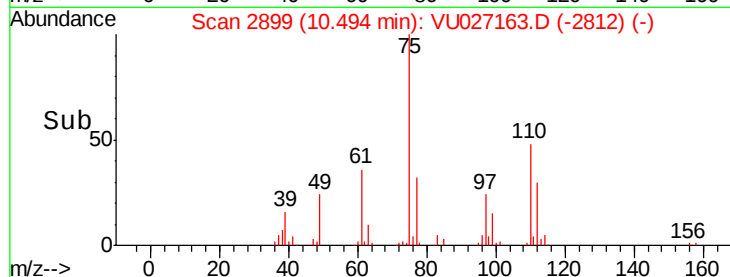
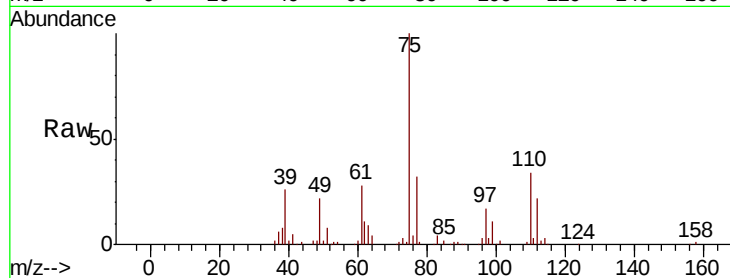
Tgt Ion: 75 Resp: 142827

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

89 0.0 0.0 0.0



#82

4-Chlorotoluene

Concen: 54.897 ug/l

RT: 10.77 min Scan# 2986

Delta R.T. -0.00 min

Lab File: VU027163.D

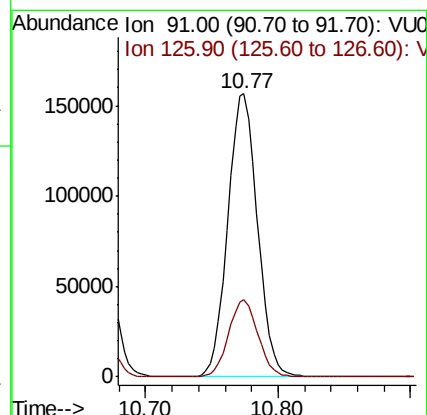
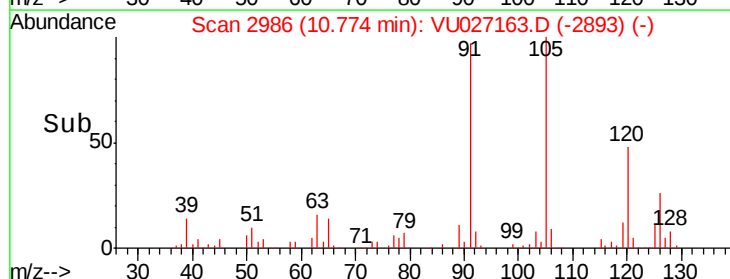
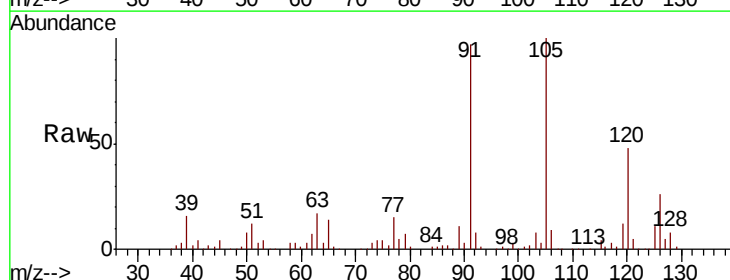
Acq: 26 Sep 2018 09:19

Tgt Ion: 91 Resp: 242062

Ion Ratio Lower Upper

91 100

126 27.2 14.1 42.2

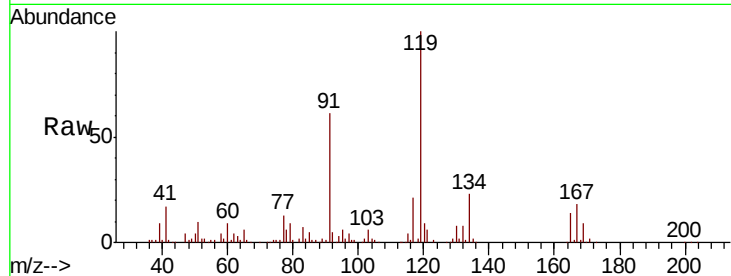




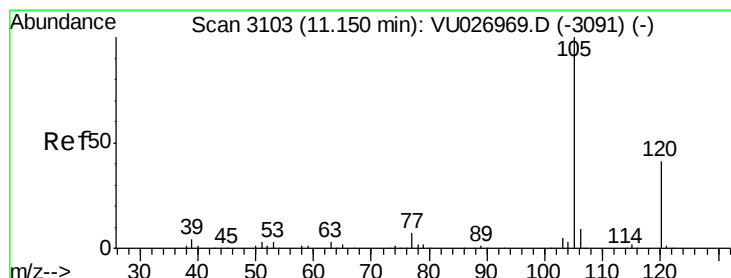
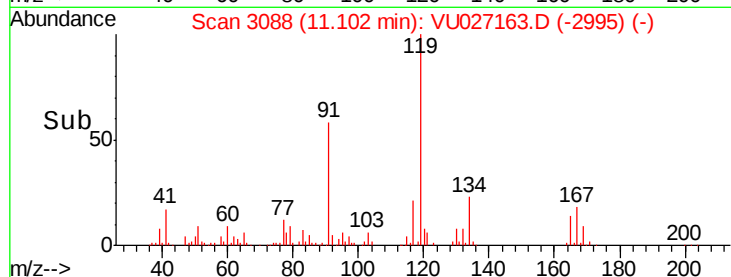
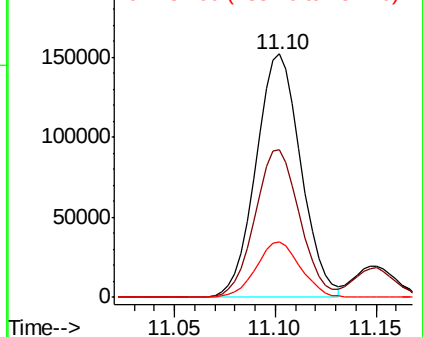
#83
 tert-Butylbenzene
 Concen: 54.816 ug/l
 RT: 11.10 min Scan# 3088
 Delta R.T. 0.00 min
 Lab File: VU027163.D
 Acq: 26 Sep 2018 09:19

Instrument :
 MSVOA_U
 ClientSampleId :
 BFB

Tgt Ion:119 Resp: 236704
 Ion Ratio Lower Upper
 119 100
 91 60.6 29.8 89.4
 134 22.4 11.5 34.4

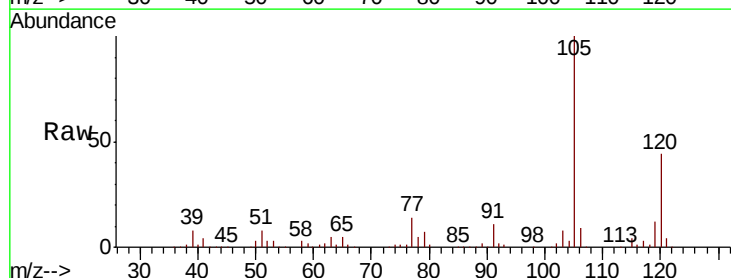


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VU0
 Ion 134.00 (133.70 to 134.70): V

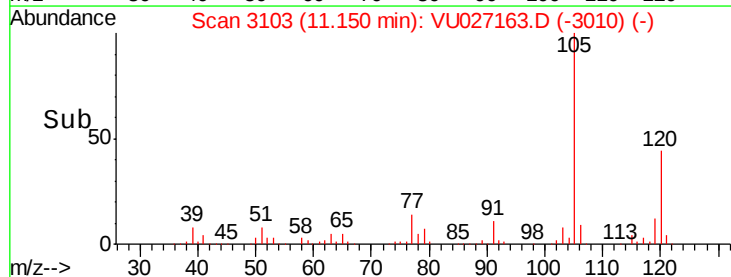
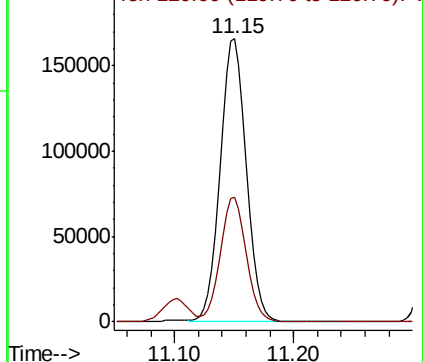


#84
 1,2,4-Trimethylbenzene
 Concen: 56.748 ug/l
 RT: 11.15 min Scan# 3103
 Delta R.T. -0.00 min
 Lab File: VU027163.D
 Acq: 26 Sep 2018 09:19

Tgt Ion:105 Resp: 252244
 Ion Ratio Lower Upper
 105 100
 120 43.5 22.4 67.2



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

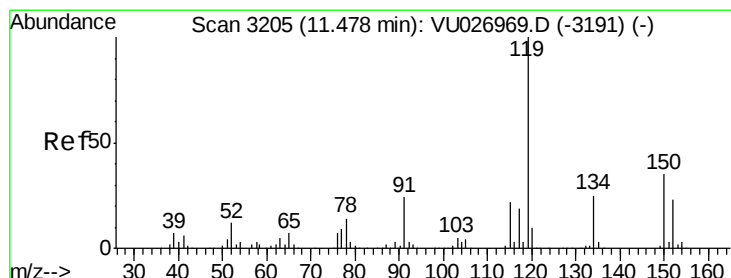
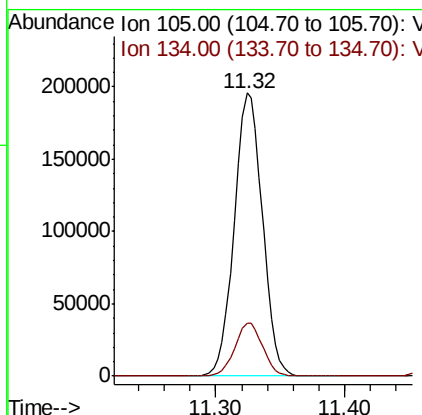
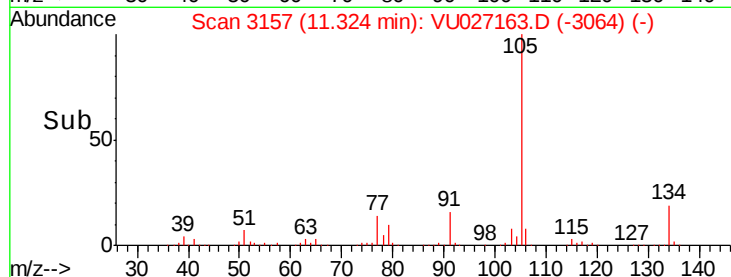
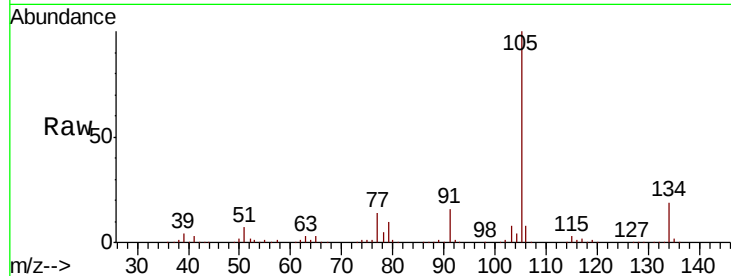




#85
 sec-Butylbenzene
 Concen: 56.386 ug/l
 RT: 11.32 min Scan# 3157
 Delta R.T. -0.00 min
 Lab File: VU027163.D
 Acq: 26 Sep 2018 09:19

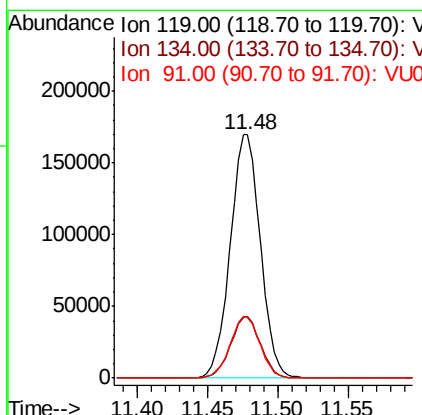
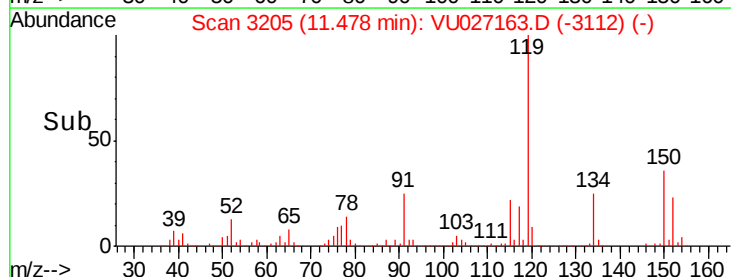
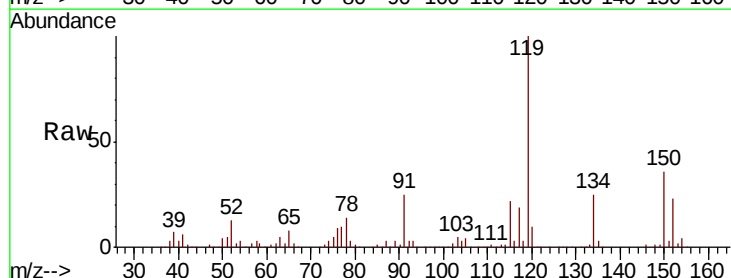
Instrument :
 MSVOA_U
 ClientSampleId :
 BFB

Tgt Ion:105 Resp: 297219
 Ion Ratio Lower Upper
 105 100
 134 18.6 9.4 28.2



#86
 p-Isopropyltoluene
 Concen: 51.203 ug/l
 RT: 11.48 min Scan# 3205
 Delta R.T. 0.00 min
 Lab File: VU027163.D
 Acq: 26 Sep 2018 09:19

Tgt Ion:119 Resp: 253370
 Ion Ratio Lower Upper
 119 100
 134 25.2 12.8 38.3
 91 25.1 12.3 36.8

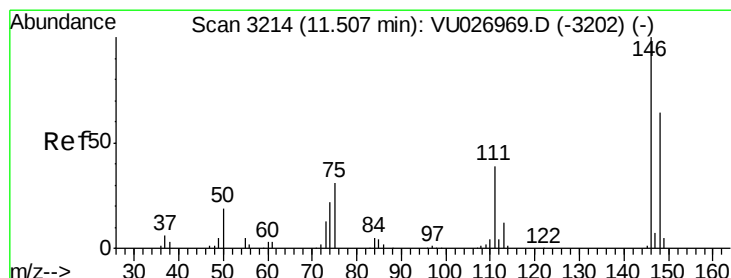
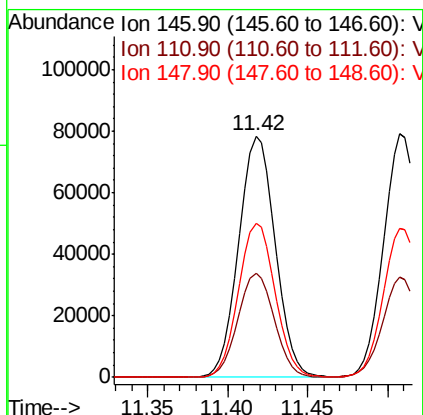
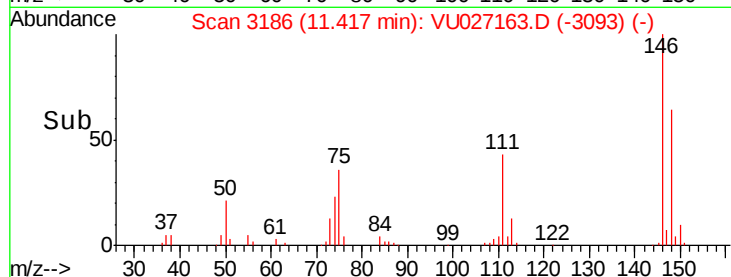
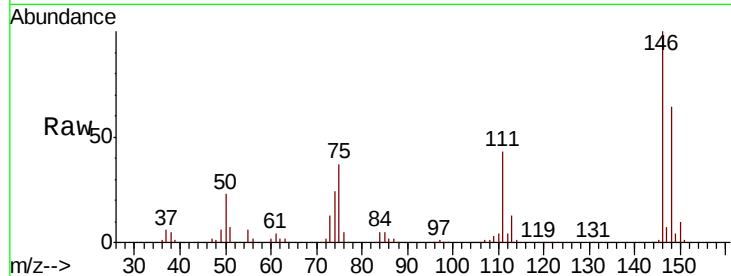




#87
 1,3-Dichlorobenzene
 Concen: 50.622 ug/l
 RT: 11.42 min Scan# 3186
 Delta R.T. 0.00 min
 Lab File: VU027163.D
 Acq: 26 Sep 2018 09:19

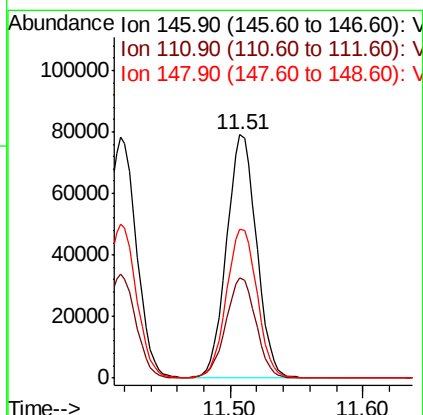
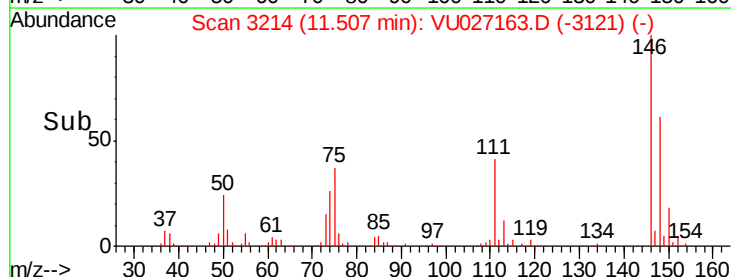
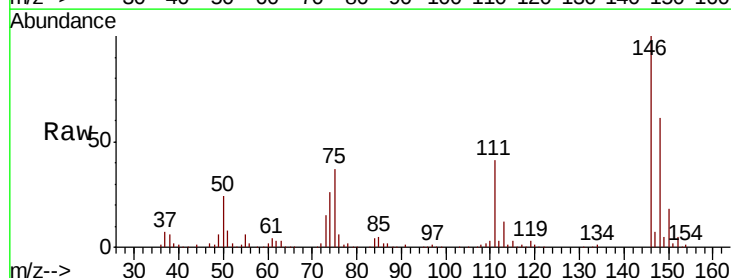
Instrument :
 MSVOA_U
 ClientSampleId :
 BFB

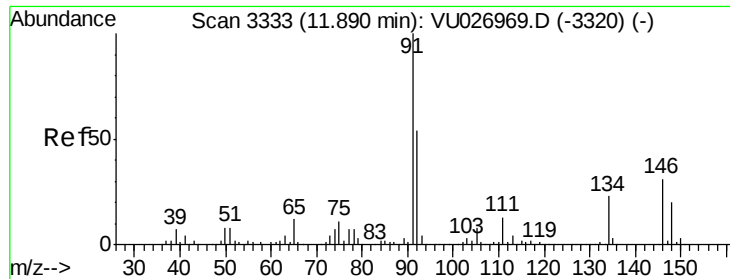
Tgt Ion:146 Resp: 121801
 Ion Ratio Lower Upper
 146 100
 111 43.0 20.8 62.2
 148 64.1 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 47.401 ug/l
 RT: 11.51 min Scan# 3214
 Delta R.T. -0.00 min
 Lab File: VU027163.D
 Acq: 26 Sep 2018 09:19

Tgt Ion:146 Resp: 124303
 Ion Ratio Lower Upper
 146 100
 111 41.7 20.3 60.9
 148 62.9 31.9 95.9

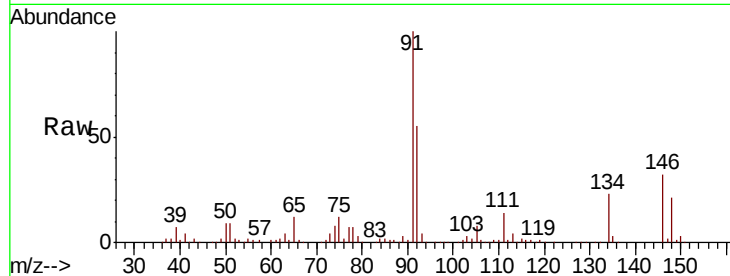




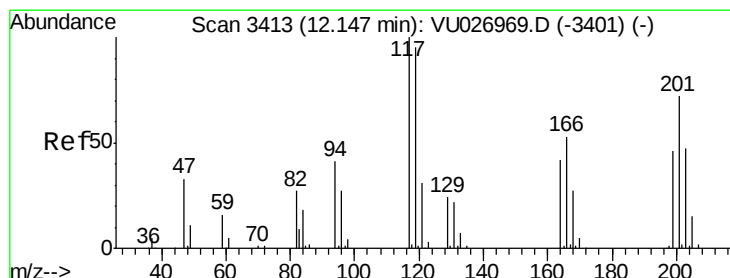
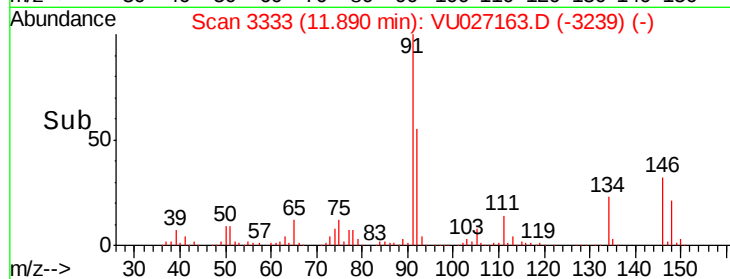
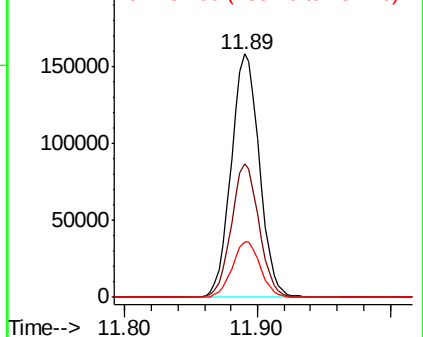
#89
n-Butylbenzene
Concen: 48.782 ug/l
RT: 11.89 min Scan# 3333
Delta R.T. 0.00 min
Lab File: VU027163.D
Acq: 26 Sep 2018 09:19

Instrument :
MSVOA_U
ClientSampleId :
BFB

Tgt Ion: 91 Resp: 233601
Ion Ratio Lower Upper
91 100
92 53.9 27.1 81.2
134 22.8 11.7 35.0

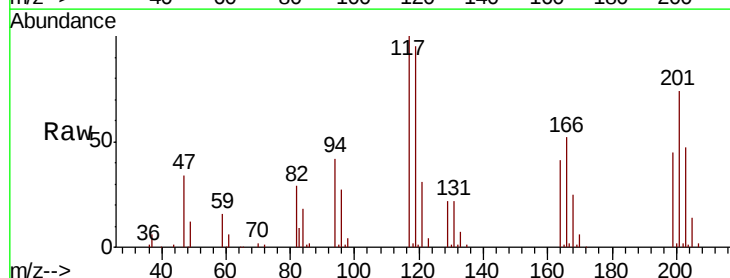


Abundance Ion 91.00 (90.70 to 91.70): VU026969.D (-3320) (-)
Ion 92.00 (91.70 to 92.70): VU026969.D (-3320) (-)
Ion 134.00 (133.70 to 134.70): VU026969.D (-3320) (-)

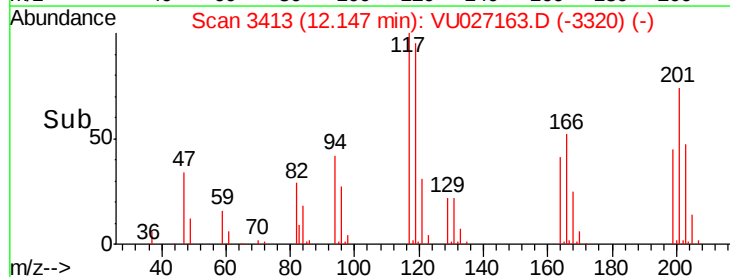
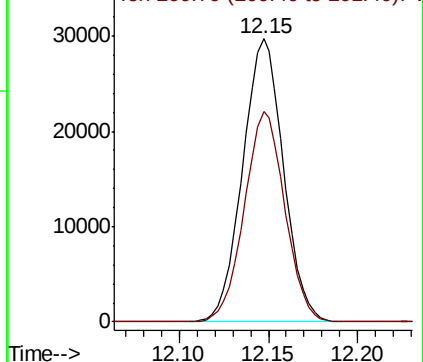


#90
Hexachloroethane
Concen: 49.683 ug/l
RT: 12.15 min Scan# 3413
Delta R.T. -0.00 min
Lab File: VU027163.D
Acq: 26 Sep 2018 09:19

Tgt Ion: 117 Resp: 47624
Ion Ratio Lower Upper
117 100
201 73.8 36.8 110.3



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





#91

1,2-Dichlorobenzene

Concen: 48.649 ug/l

RT: 11.88 min Scan# 3330

Delta R.T. -0.00 min

Lab File: VU027163.D

Acq: 26 Sep 2018 09:19

Instrument :

MSVOA_U

ClientSampleId :

BFB

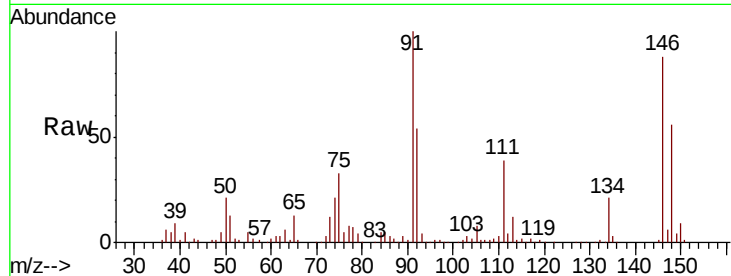
Tgt Ion:146 Resp: 124340

Ion Ratio Lower Upper

146 100

111 44.1 21.8 65.3

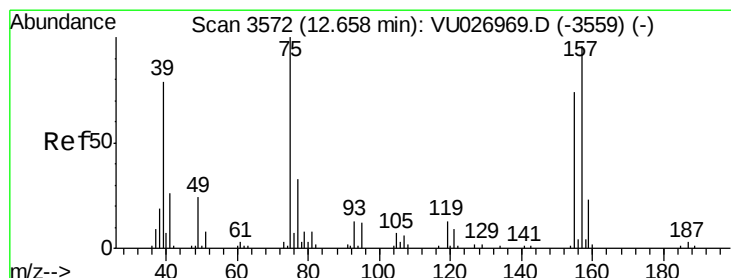
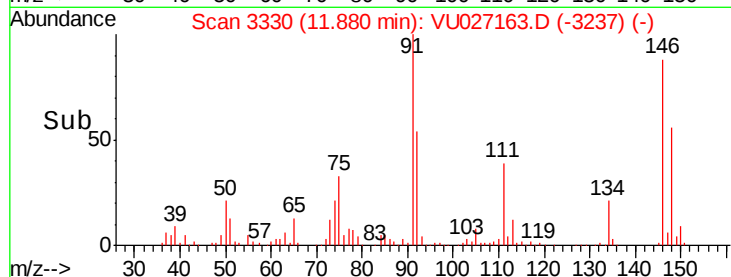
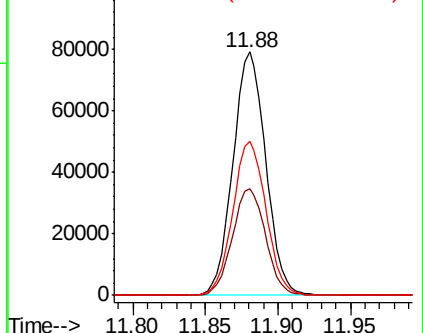
148 64.0 31.9 95.7



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: 53.856 ug/l

RT: 12.66 min Scan# 3572

Delta R.T. -0.00 min

Lab File: VU027163.D

Acq: 26 Sep 2018 09:19

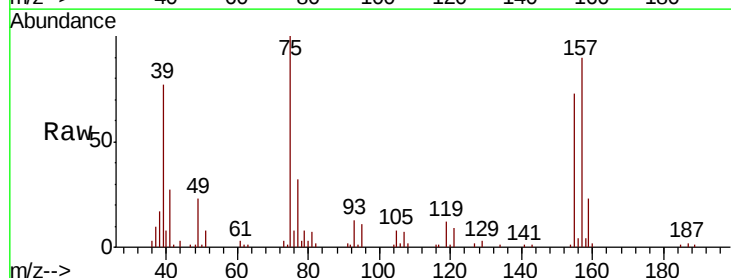
Tgt Ion: 75 Resp: 26728

Ion Ratio Lower Upper

75 100

155 71.3 36.6 109.8

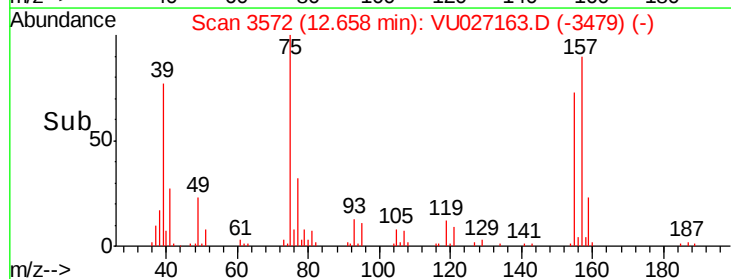
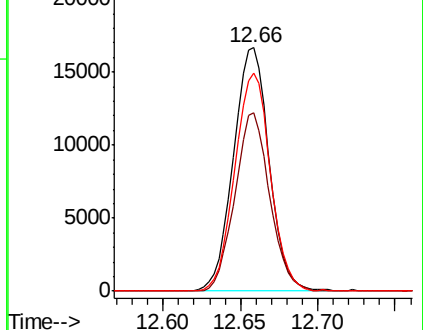
157 89.0 47.4 142.2

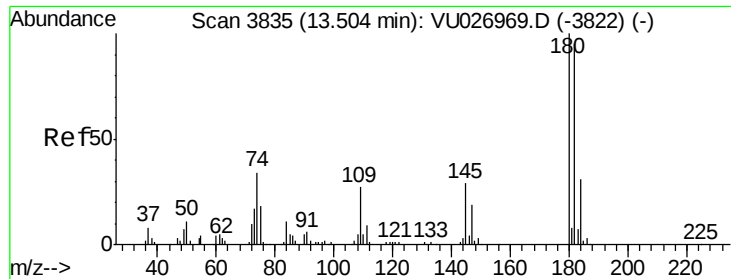


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

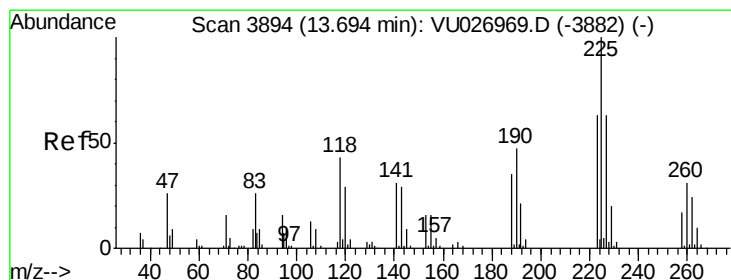
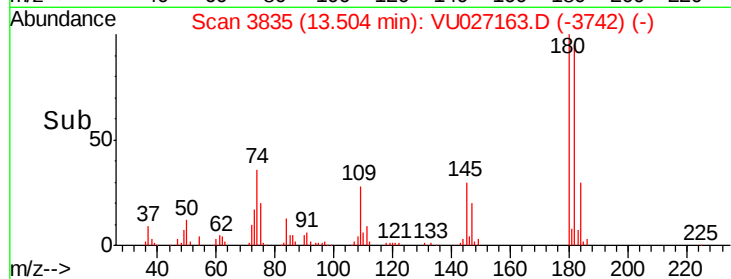
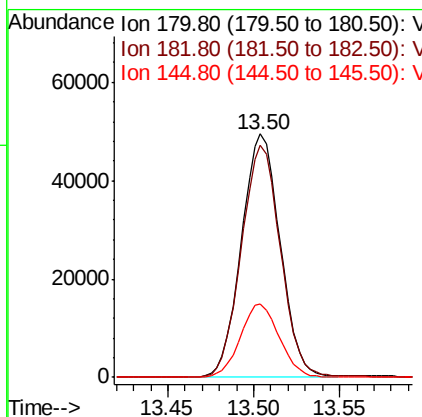
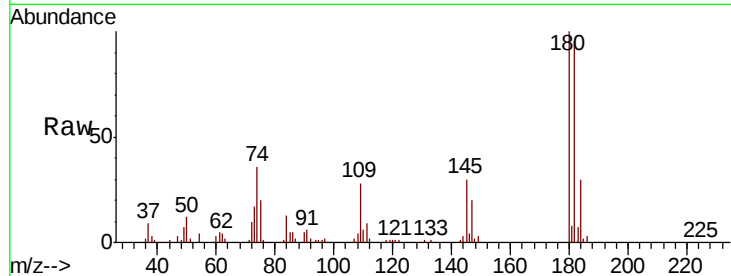




#93
 1,2,4-Trichlorobenzene
 Concen: 52.551 ug/l
 RT: 13.50 min Scan# 3835
 Delta R.T. -0.00 min
 Lab File: VU027163.D
 Acq: 26 Sep 2018 09:19

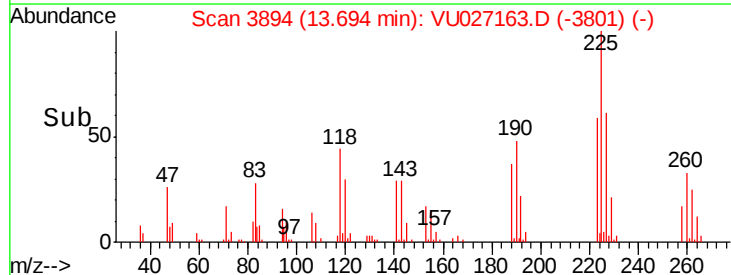
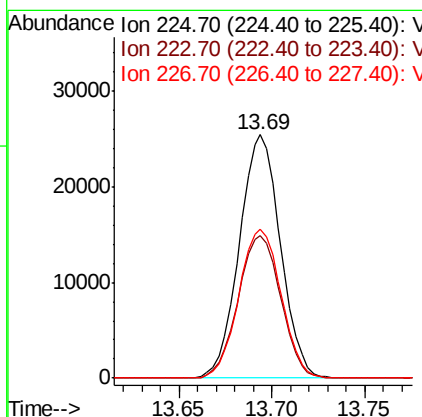
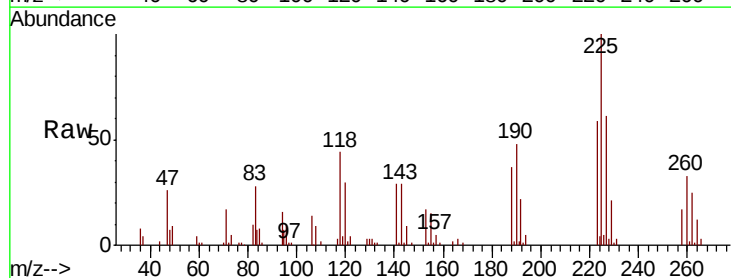
Instrument :
 MSVOA_U
 ClientSampleId :
 BFB

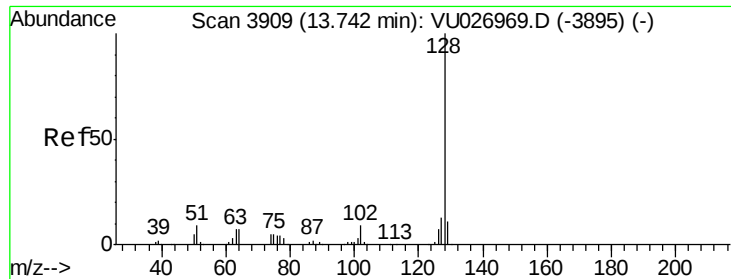
Tgt Ion:180 Resp: 77400
 Ion Ratio Lower Upper
 180 100
 182 96.8 47.4 142.2
 145 30.4 14.9 44.5



#94
 Hexachlorobutadiene
 Concen: 50.267 ug/l
 RT: 13.69 min Scan# 3894
 Delta R.T. -0.00 min
 Lab File: VU027163.D
 Acq: 26 Sep 2018 09:19

Tgt Ion:225 Resp: 39174
 Ion Ratio Lower Upper
 225 100
 223 60.8 31.9 95.7
 227 62.9 32.1 96.5

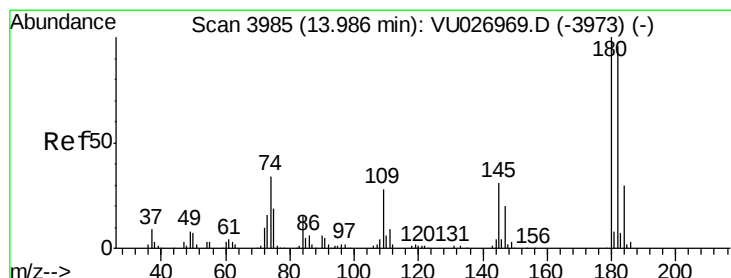
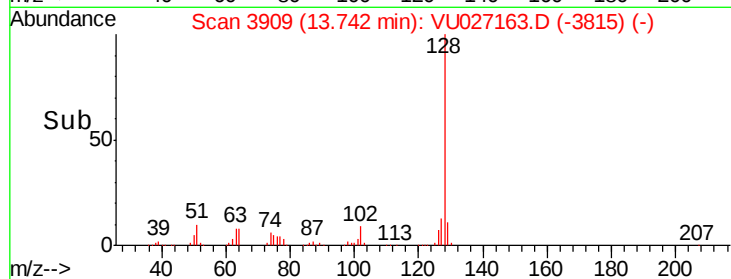
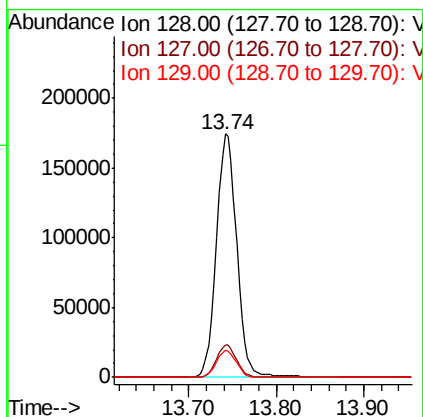
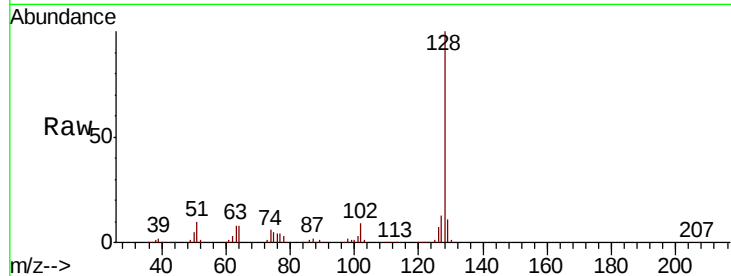




#95
Naphthalene
Concen: 49.160 ug/l
RT: 13.74 min Scan# 3909
Delta R.T. 0.00 min
Lab File: VU027163.D
Acq: 26 Sep 2018 09:19

Instrument :
MSVOA_U
ClientSampleId :
BFB

Tgt Ion:128 Resp: 282927
Ion Ratio Lower Upper
128 100
127 13.0 10.6 15.8
129 10.9 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 52.972 ug/l
RT: 13.99 min Scan# 3986
Delta R.T. 0.00 min
Lab File: VU027163.D
Acq: 26 Sep 2018 09:19

Tgt Ion:180 Resp: 83668
Ion Ratio Lower Upper
180 100
182 94.4 47.5 142.5
145 31.5 15.4 46.4

