

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092618\
 Data File : VU027162.D
 Acq On : 26 Sep 2018 05:35
 Operator : MD/SY
 Sample : J5032-03
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFB

Quant Time: Sep 26 06:06:46 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U092218W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 22 01:31:57 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	74531	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	131210	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	129105	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	70939	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	82864	55.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.48%	
35) Dibromofluoromethane	4.88	113	57388	50.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.92%	
50) Toluene-d8	7.57	98	217359	50.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.30%	
62) 4-Bromofluorobenzene	10.31	95	79501	53.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.90%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.21	85	45788	47.054	ug/l	99
3) Chloromethane	1.33	50	77703	46.314	ug/l	99
4) Vinyl Chloride	1.40	62	76870	49.084	ug/l	98
5) Bromomethane	1.62	94	31629	35.466	ug/l	100
6) Chloroethane	1.69	64	48311	48.280	ug/l	100
7) Trichlorofluoromethane	1.88	101	86658	48.720	ug/l	98
8) Diethyl Ether	2.10	74	41901	48.941	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	2.29	101	51363	46.964	ug/l	100
10) Methyl Iodide	2.41	142	36399	26.835	ug/l	100
11) Tert butyl alcohol	2.83	59	85361	248.269	ug/l	100
12) 1,1-Dichloroethene	2.28	96	50036	48.608	ug/l	98
13) Acrolein	2.20	56	36598	197.460	ug/l	100
14) Allyl chloride	2.59	41	106549	51.033	ug/l	96
15) Acrylonitrile	2.94	53	243970	281.535	ug/l	99
16) Acetone	2.32	43	221017	279.320	ug/l	99
17) Carbon Disulfide	2.48	76	154495	46.071	ug/l	100
18) Methyl Acetate	2.62	43	89357	41.852	ug/l	99
19) Methyl tert-butyl Ether	3.00	73	212652	56.216	ug/l	100
20) Methylene Chloride	2.70	84	65505	48.760	ug/l	96
21) trans-1,2-Dichloroethene	2.98	96	55368	50.378	ug/l	97
22) Diisopropyl ether	3.58	45	260999	58.445	ug/l	94
23) Vinyl Acetate	3.53	43	737346	193.699	ug/l	98
24) 1,1-Dichloroethane	3.45	63	133576	54.309	ug/l	99
25) 2-Butanone	4.26	43	344790	273.506	ug/l	98
26) 2,2-Dichloropropane	4.23	77	45724	23.838	ug/l	95
27) cis-1,2-Dichloroethene	4.23	96	65041	52.403	ug/l	98
28) Bromochloromethane	4.55	49	72320	60.998	ug/l	92
29) Tetrahydrofuran	4.64	42	226100	296.487	ug/l	96
30) Chloroform	4.67	83	120869	52.942	ug/l	98
31) Cyclohexane	5.00	56	116840	52.286	ug/l	95
32) 1,1,1-Trichloroethane	4.92	97	97462	53.468	ug/l	99
36) 1,1-Dichloropropene	5.14	75	86562	49.432	ug/l	98
37) Ethyl Acetate	4.38	43	92317	38.942	ug/l	98
38) Carbon Tetrachloride	5.13	117	82011	49.213	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	93551	49.160	ug/l	97
40) Benzene	5.39	78	265394	49.854	ug/l	99
41) Methacrylonitrile	4.54	41	72772	59.109	ug/l	97
42) 1,2-Dichloroethane	5.40	62	104585	51.999	ug/l	99
43) Isopropyl Acetate	5.55	43	159719	46.199	ug/l	98
44) Trichloroethene	6.19	130	55937	49.357	ug/l	98
45) 1,2-Dichloropropane	6.43	63	80521	53.085	ug/l	98
46) Dibromomethane	6.56	93	46558	50.822	ug/l	96
47) Bromodichloromethane	6.76	83	95391	51.496	ug/l	98
48) Methyl methacrylate	6.62	41	100227	53.198	ug/l	98
49) 1,4-Dioxane	6.61	88	31644	846.517	ug/l	97
51) 4-Methyl-2-Pentanone	7.46	43	672427	289.193	ug/l	98
52) Toluene	7.64	92	158892	52.072	ug/l	98
53) t-1,3-Dichloropropene	7.88	75	95577	48.023	ug/l	99
54) cis-1,3-Dichloropropene	7.27	75	99329	45.391	ug/l	98
55) 1,1,2-Trichloroethane	8.07	97	65899	50.968	ug/l	98
56) Ethyl methacrylate	8.02	69	111342	49.647	ug/l	97
57) 1,3-Dichloropropane	8.24	76	126715	52.693	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.27	63	420	5.185	ug/l #	52
59) 2-Hexanone	8.36	43	507352	278.748	ug/l	98
60) Dibromochloromethane	8.48	129	65596	51.721	ug/l	96
61) 1,2-Dibromoethane	8.59	107	68230	50.718	ug/l	100
64) Tetrachloroethene	8.23	164	44909	45.142	ug/l	98
65) Chlorobenzene	9.12	112	163125	47.652	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.21	131	59349	50.335	ug/l	100
67) Ethyl Benzene	9.25	91	296518	52.676	ug/l	99
68) m/p-Xylenes	9.38	106	219389	96.292	ug/l	99
69) o-Xylene	9.78	106	106859	53.578	ug/l	98
70) Styrene	9.79	104	178595	48.032	ug/l	99
71) Bromoform	9.96	173	47264	51.836	ug/l #	98
73) Isopropylbenzene	10.17	105	286983	53.182	ug/l	100
74) N-amyl acetate	10.02	43	117769	37.703	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.46	83	117804	47.481	ug/l	100
76) 1,2,3-Trichloropropane	10.49	75	128541	59.645	ug/l	80
77) Bromobenzene	10.45	156	64786	49.130	ug/l	94
78) n-propylbenzene	10.59	91	344984	54.030	ug/l	99
79) 2-Chlorotoluene	10.66	91	206374	51.457	ug/l	100
80) 1,3,5-Trimethylbenzene	10.77	105	239414	53.747	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.49	75	128541	190.874	ug/l #	100
82) 4-Chlorotoluene	10.77	91	237951	52.913	ug/l	98
83) tert-Butylbenzene	11.10	119	230179	52.266	ug/l	98
84) 1,2,4-Trimethylbenzene	11.15	105	245577	54.172	ug/l	99
85) sec-Butylbenzene	11.32	105	287242	53.431	ug/l	100
86) p-Isopropyltoluene	11.48	119	242057	48.023	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	118537	48.306	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	121512	45.434	ug/l	99
89) n-Butylbenzene	11.89	91	219018	45.039	ug/l	99
90) Hexachloroethane	12.15	117	46622	47.691	ug/l	98
91) 1,2-Dichlorobenzene	11.88	146	121735	46.702	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	26247	51.857	ug/l	97

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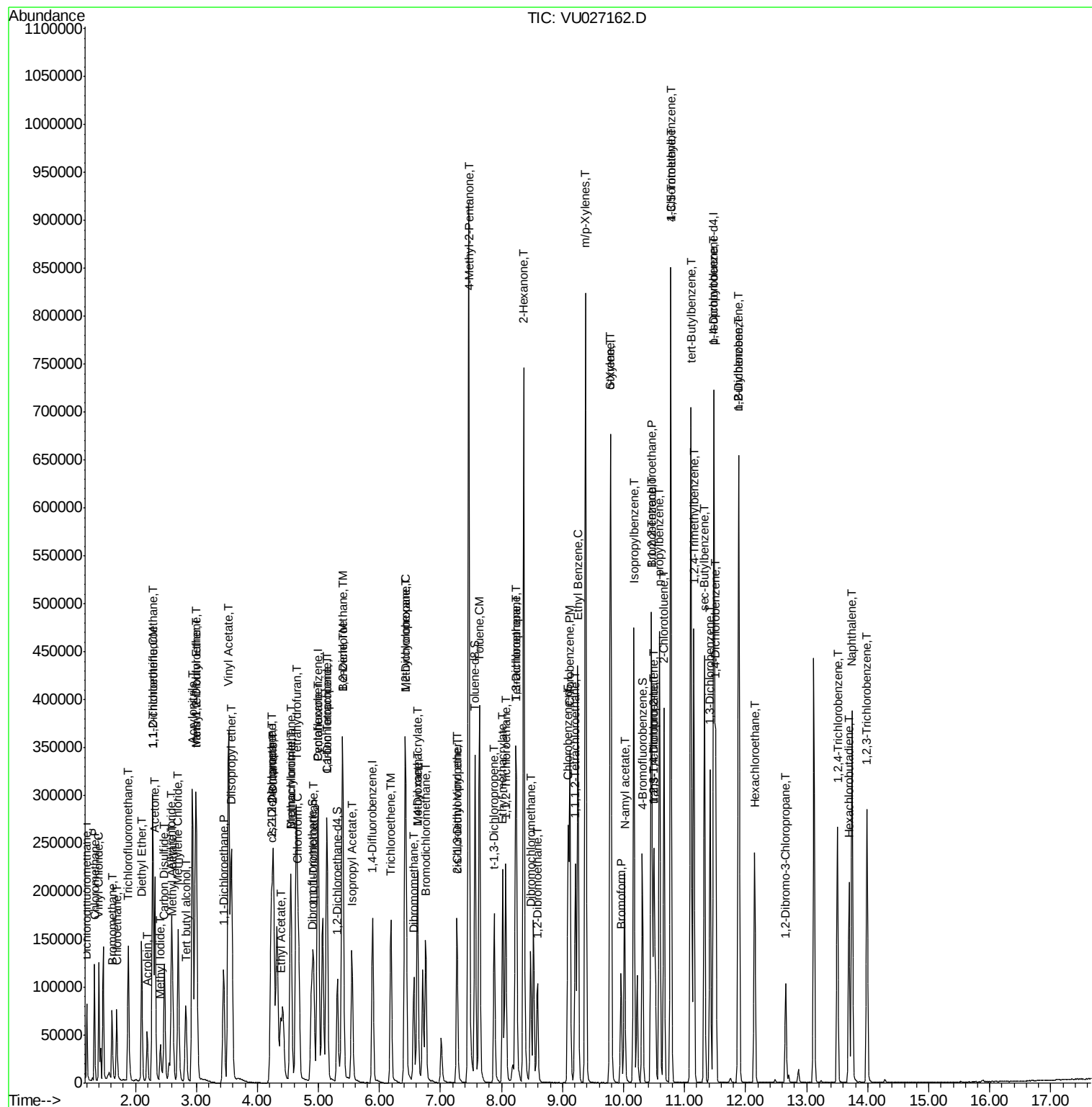
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.50	180	77080	51.314	ug/l	99
94) Hexachlorobutadiene	13.69	225	35365	44.496	ug/l	99
95) Naphthalene	13.74	128	283780	48.376	ug/l	100
96) 1,2,3-Trichlorobenzene	13.99	180	81242	50.434	ug/l	99

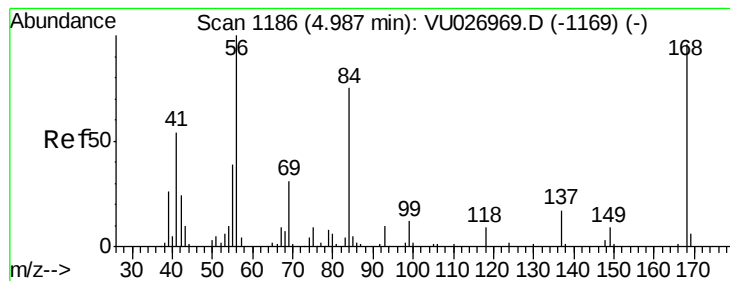
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU092618\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. 0.00 min

Lab File: VU027162.D

Acq: 26 Sep 2018 05:35

Instrument :

MSVOA_U

ClientSampleId :

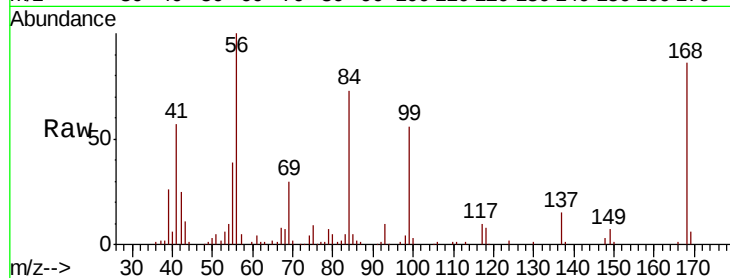
BFB

Tot Ion:168 Resp: 74531

Ion Ratio Lower Upper

168 100

99 63.2 48.1 72.1

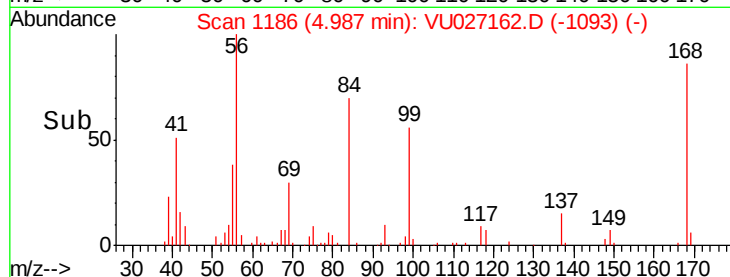


Abundance Ion 167.90 (167.60 to 168.60): VU026969.D (-1169) (-)

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

4.99

Time-->



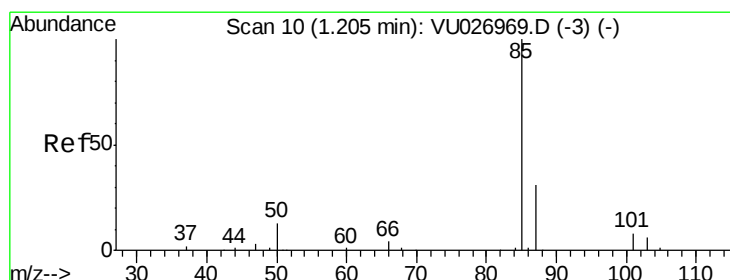
Abundance

Ion 167.90 (167.60 to 168.60): VU027162.D (-1093) (-)

Ion 98.90 (98.60 to 99.60): VU027162.D (-1093) (-)

4.99

Time-->



#2

Dichlorodifluoromethane

Concen: 47.054 ug/l

RT: 1.21 min Scan# 10

Delta R.T. 0.00 min

Lab File: VU027162.D

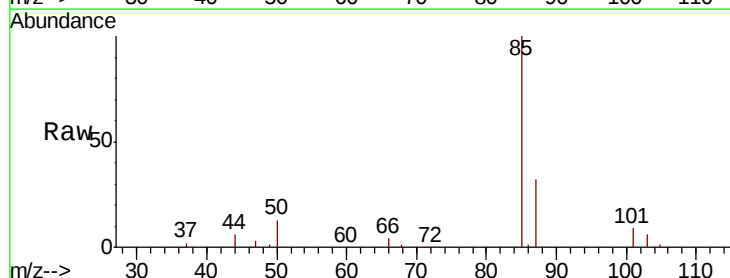
Acq: 26 Sep 2018 05:35

Tgt Ion: 85 Resp: 45788

Ion Ratio Lower Upper

85 100

87 31.7 15.6 46.7

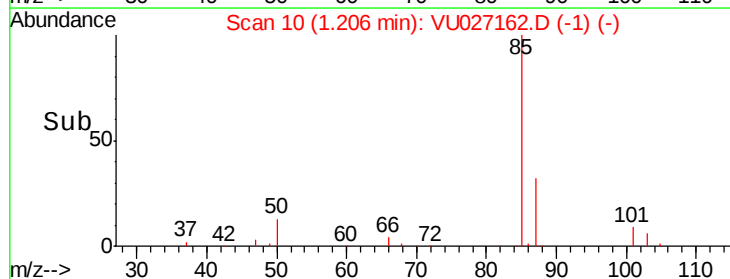


Abundance Ion 84.90 (84.60 to 85.60): VU026969.D (-3) (-)

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

1.21

Time-->



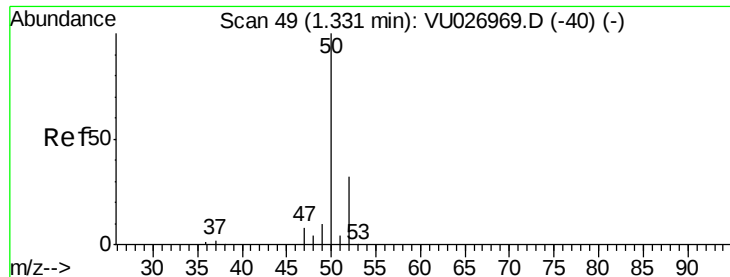
Abundance

Ion 84.90 (84.60 to 85.60): VU027162.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VU027162.D (-1) (-)

1.21

Time-->



#3

Chloromethane

Concen: 46.314 ug/l

RT: 1.33 min Scan# 48

Delta R.T. -0.00 min

Lab File: VU027162.D

Acq: 26 Sep 2018 05:35

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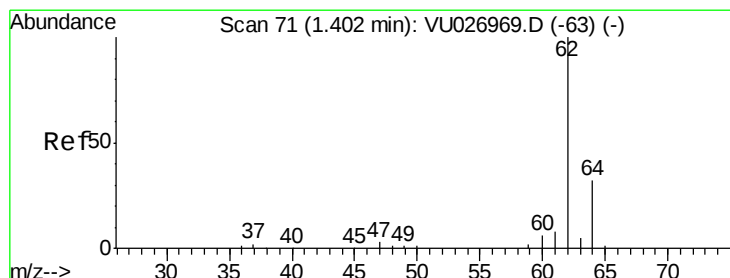
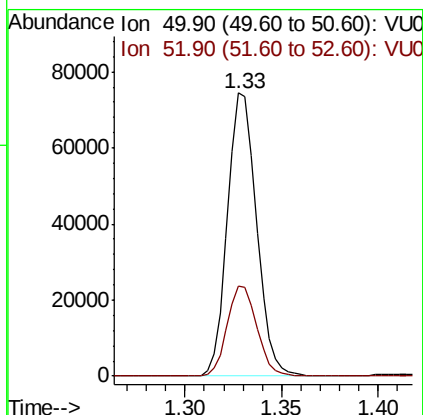
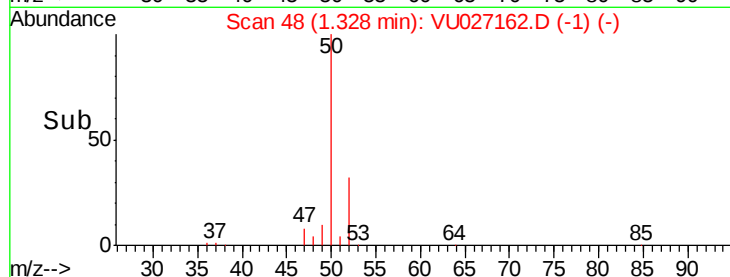
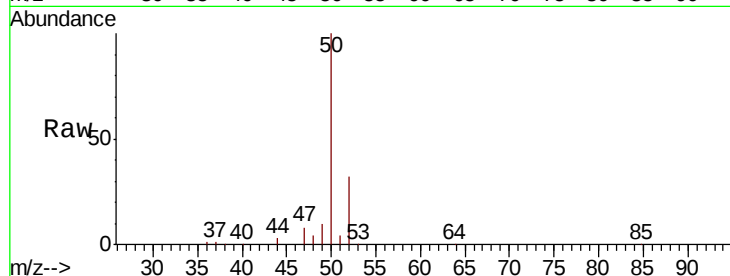
BFB

Tot Ion: 50 Resp: 77703

Ion Ratio Lower Upper

50 100

52 31.9 25.9 38.9



#4

Vinyl Chloride

Concen: 49.084 ug/l

RT: 1.40 min Scan# 71

Delta R.T. 0.00 min

Lab File: VU027162.D

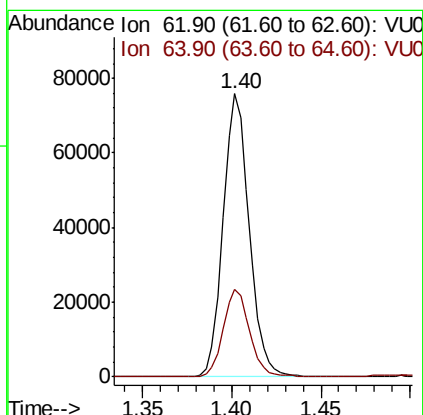
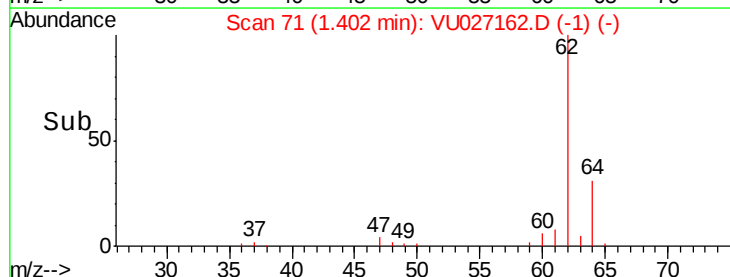
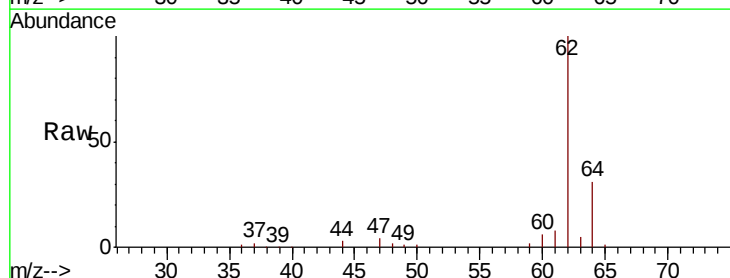
Acq: 26 Sep 2018 05:35

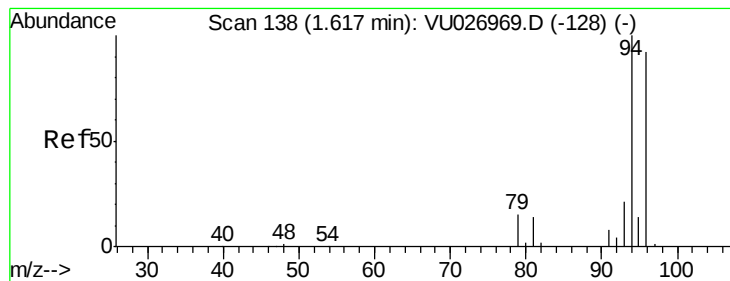
Tgt Ion: 62 Resp: 76870

Ion Ratio Lower Upper

62 100

64 30.9 25.5 38.3





#5

Bromomethane

Concen: 35.466 ug/l

RT: 1.62 min Scan# 138

Delta R.T. 0.00 min

Lab File: VU027162.D

Acq: 26 Sep 2018 05:35

Instrument :

MSVOA_U

ClientSampleId :

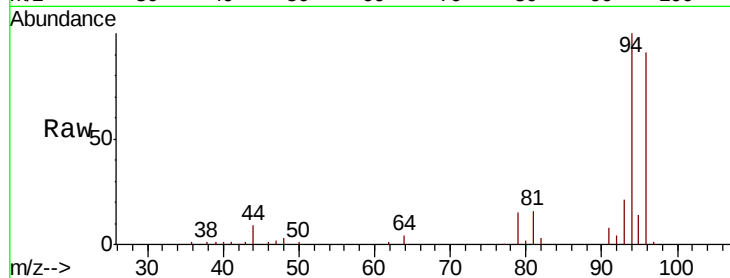
BFB

Tot Ion: 94 Resp: 31629

Ion Ratio Lower Upper

94 100

96 91.4 73.2 109.8



Abundance Ion 93.90 (93.60 to 94.60): VU027162.D (-128) (-)

Ion 95.90 (95.60 to 96.60): VU027162.D (-128) (-)

1.62

25000

20000

15000

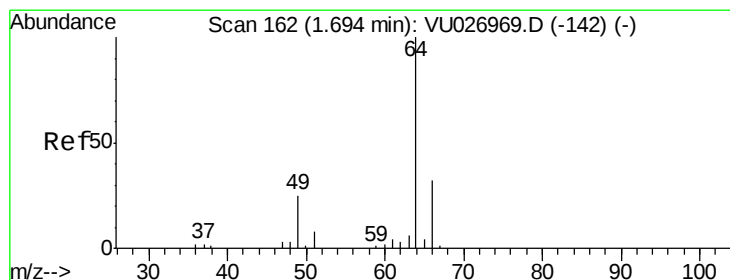
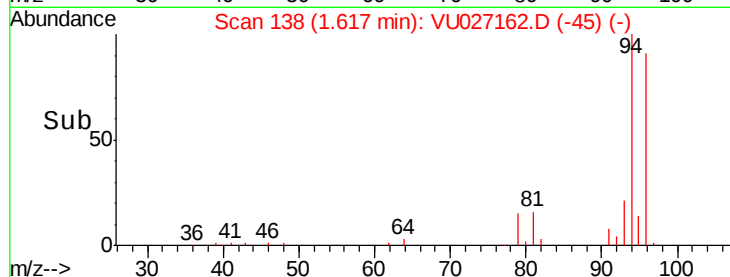
10000

5000

0

Time-->

1.55 1.60 1.65 1.70



#6

Chloroethane

Concen: 48.280 ug/l

RT: 1.69 min Scan# 162

Delta R.T. 0.00 min

Lab File: VU027162.D

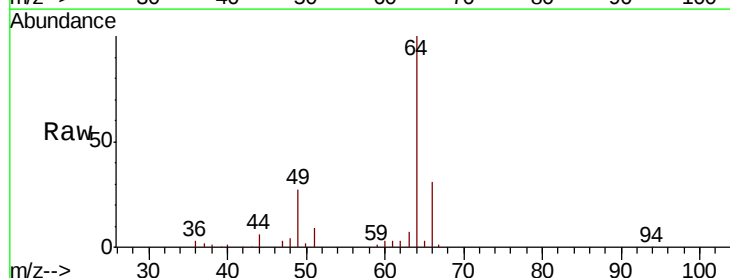
Acq: 26 Sep 2018 05:35

Tgt Ion: 64 Resp: 48311

Ion Ratio Lower Upper

64 100

66 31.4 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VU027162.D (-142) (-)

Ion 65.90 (65.60 to 66.60): VU027162.D (-142) (-)

1.69

40000

30000

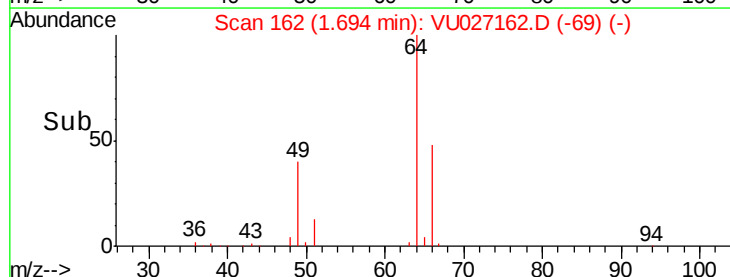
20000

10000

0

Time-->

1.65 1.70 1.75 1.80



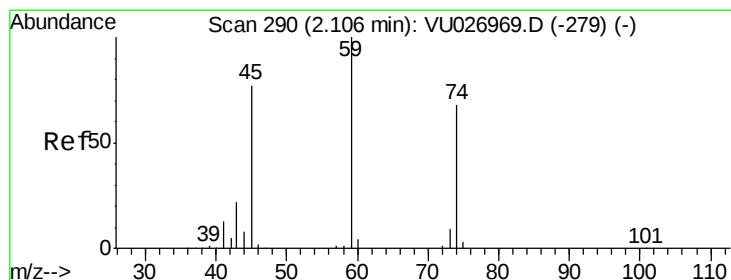
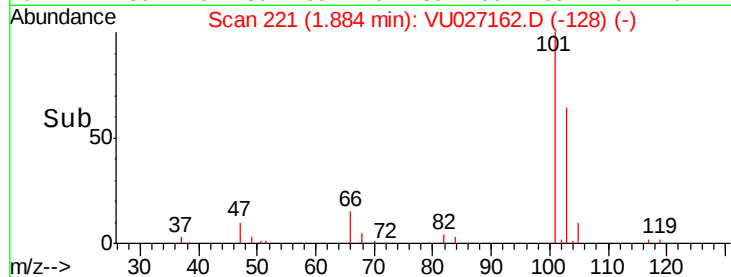
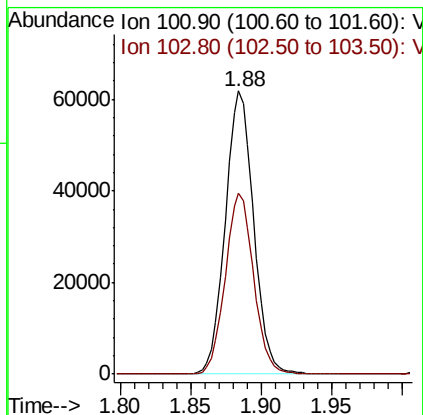
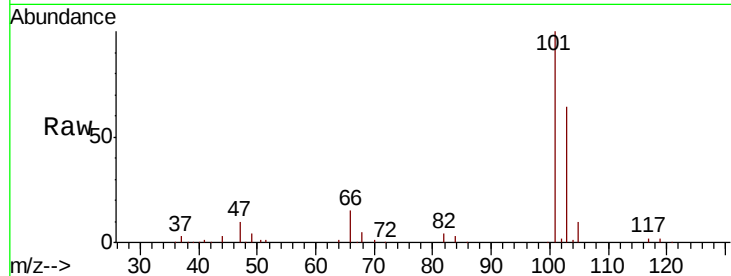


#7

Trichlorofluoromethane
 Concen: 48.720 ug/l
 RT: 1.88 min Scan# 221
 Delta R.T. 0.00 min
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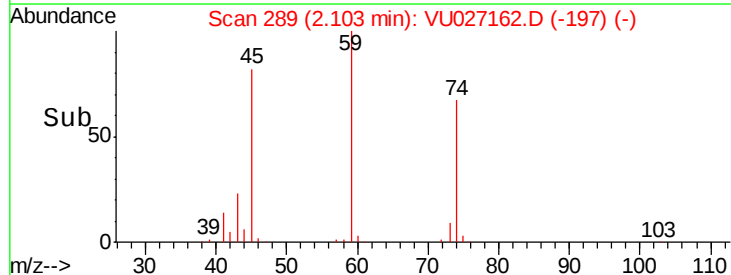
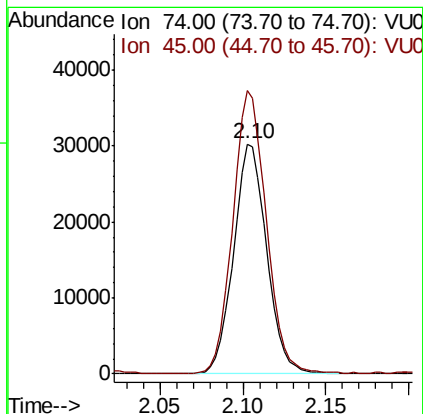
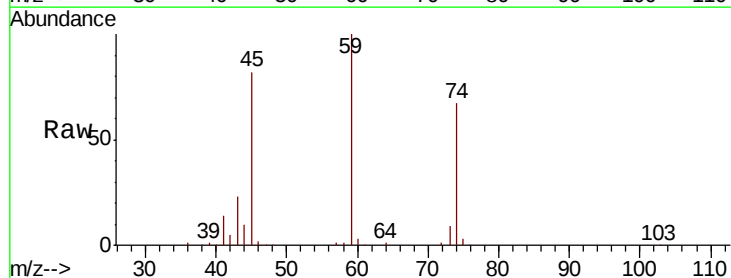
Tot Ion:101 Resp: 86658
 Ion Ratio Lower Upper
 101 100
 103 64.0 52.2 78.2

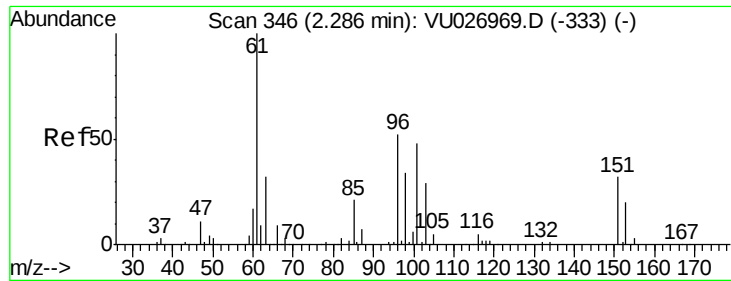


#8

Diethyl Ether
 Concen: 48.941 ug/l
 RT: 2.10 min Scan# 289
 Delta R.T. -0.00 min
 Lab File: VU027162.D
 Acq: 26 Sep 2018 05:35

Tgt Ion: 74 Resp: 41901
 Ion Ratio Lower Upper
 74 100
 45 125.1 56.9 170.7

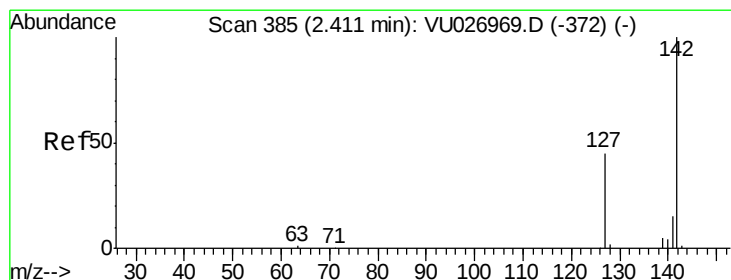
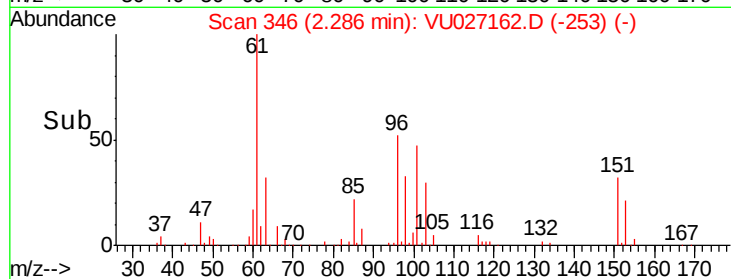
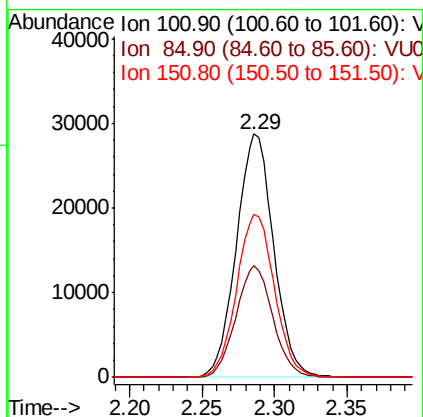
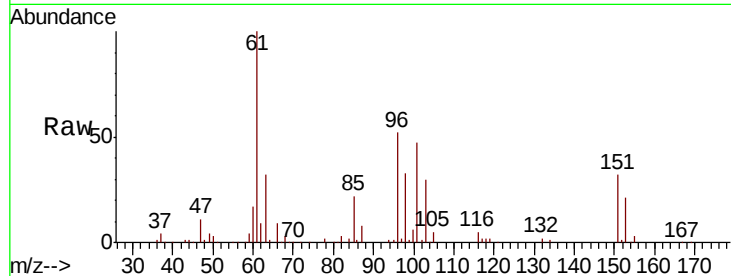




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 46.964 ug/l
 RT: 2.29 min Scan# 346
 Delta R.T. 0.00 min
 Lab File: VU027162.D
 Acq: 26 Sep 2018 05:35

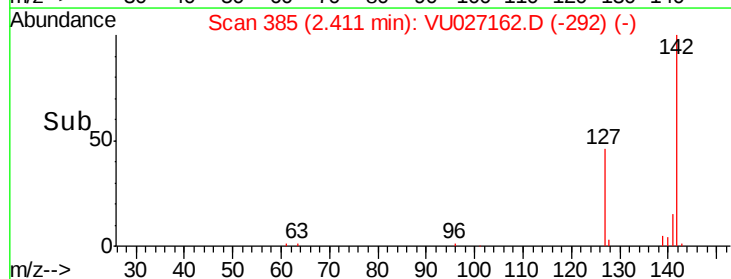
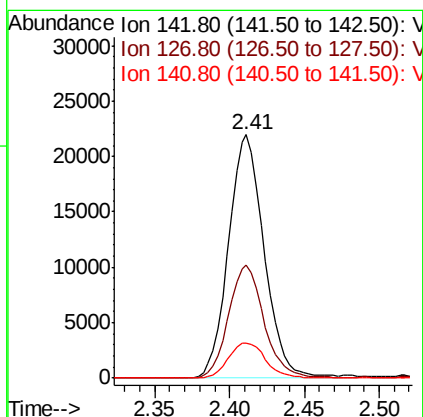
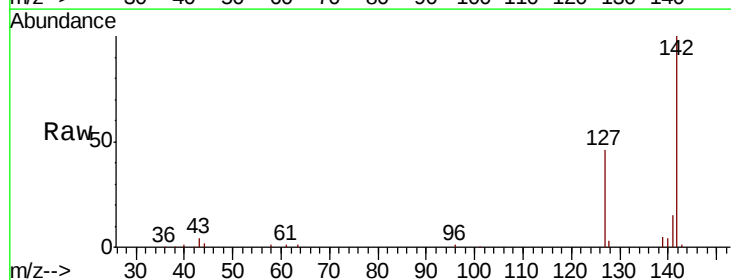
Instrument :
 MSVOA_U
 ClientSampled :
 BFB

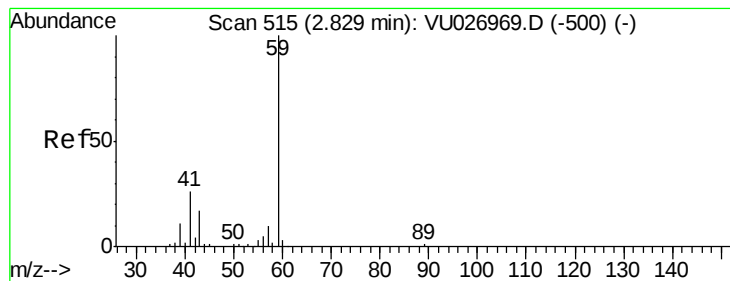
Tot Ion	Ratio	Lower	Upper
101	100		
85	45.3	36.2	54.2
151	67.9	54.5	81.7



#10
 Methyl Iodide
 Concen: 26.835 ug/l
 RT: 2.41 min Scan# 385
 Delta R.T. 0.00 min
 Lab File: VU027162.D
 Acq: 26 Sep 2018 05:35

Tgt Ion	Ratio	Lower	Upper
142	100		
127	46.0	36.7	55.1
141	15.0	11.8	17.6



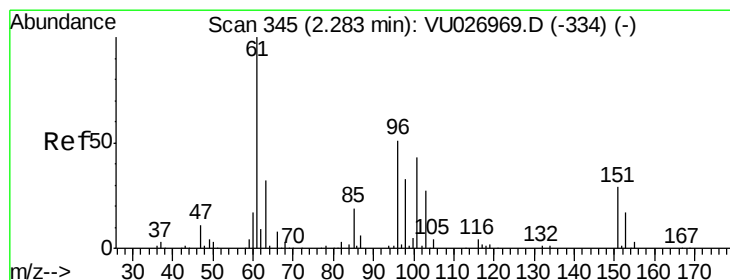
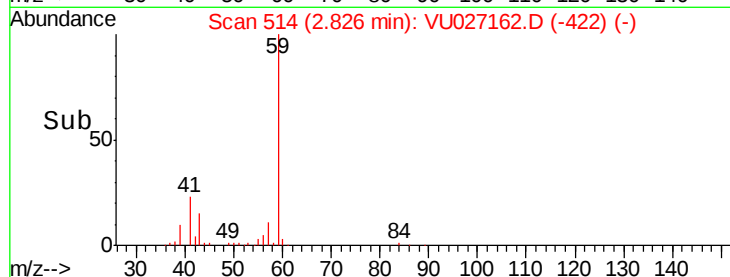
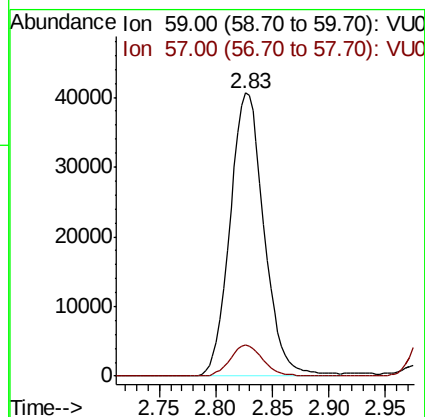
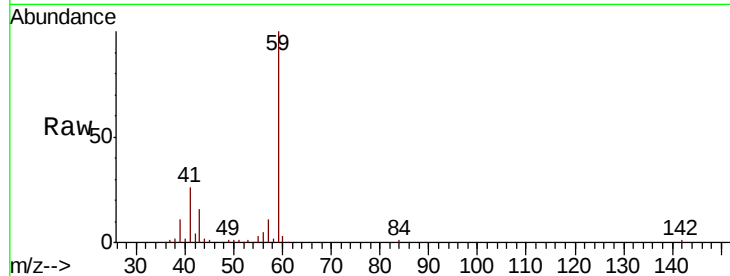


#11

Tert butyl alcohol
 Concen: 248.269 ug/l
 RT: 2.83 min Scan# 514
 Delta R.T. -0.00 min
 Lab File: VU027162.D
 Acq: 26 Sep 2018 05:35

Instrument :
 MSVOA_U
 ClientSampleId :
 BFB

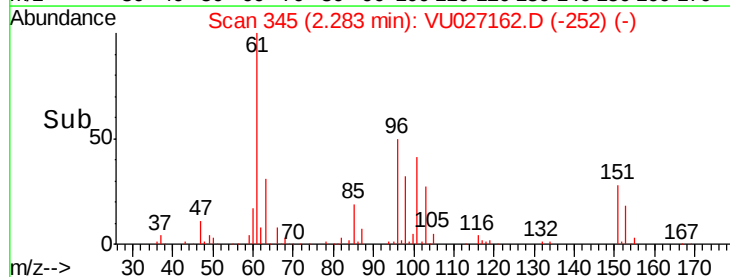
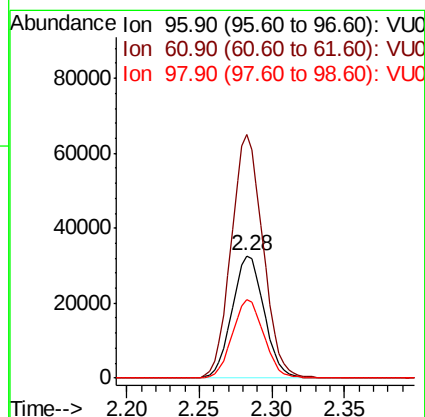
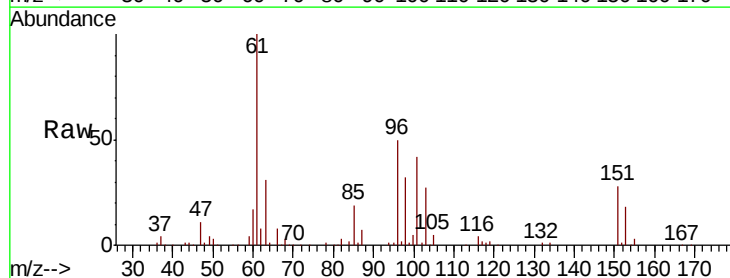
Tot Ion: 59 Resp: 85361
 Ion Ratio Lower Upper
 59 100
 57 10.5 8.5 12.7

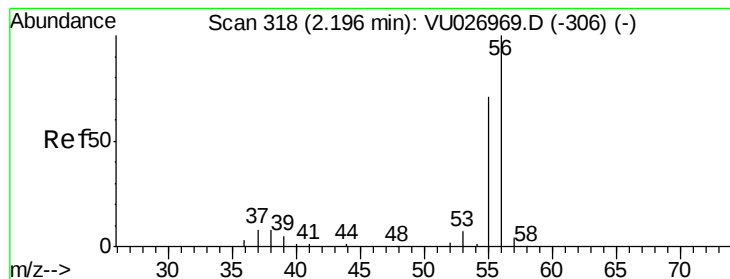


#12

1,1-Dichloroethene
 Concen: 48.608 ug/l
 RT: 2.28 min Scan# 345
 Delta R.T. 0.00 min
 Lab File: VU027162.D
 Acq: 26 Sep 2018 05:35

Tgt Ion: 96 Resp: 50036
 Ion Ratio Lower Upper
 96 100
 61 198.8 156.1 234.1
 98 64.0 51.4 77.0





#13

Acrolein

Concen: 197.460 ug/l

RT: 2.20 min Scan# 318

Delta R.T. 0.00 min

Lab File: VU027162.D

Acq: 26 Sep 2018 05:35

Instrument :

MSVOA_U

ClientSampled :

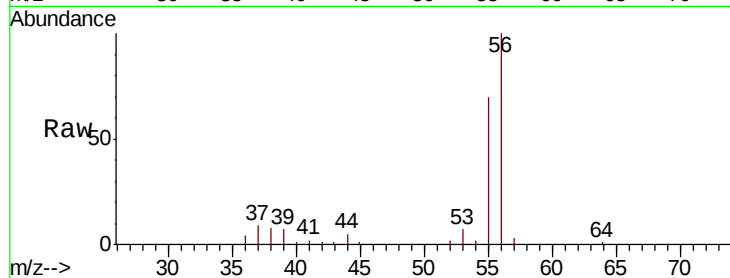
BFB

Tot Ion: 56 Resp: 36598

Ion Ratio Lower Upper

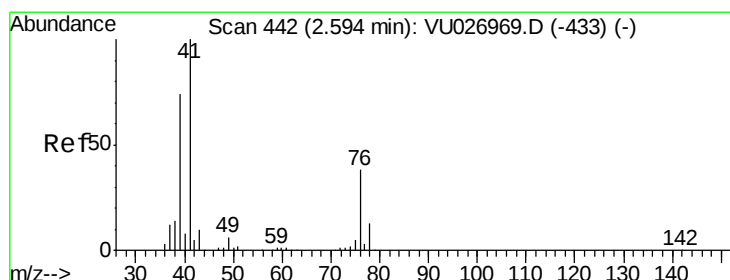
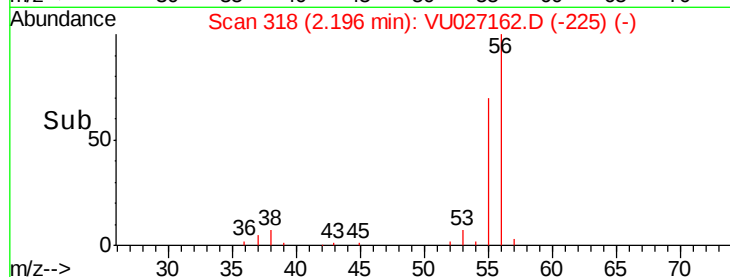
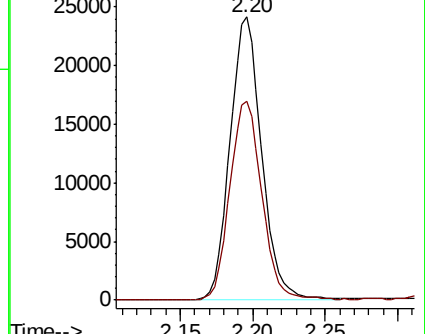
56 100

55 71.2 57.1 85.7



Abundance Ion 56.00 (55.70 to 56.70): VU0

Ion 55.00 (54.70 to 55.70): VU0



#14

Allyl chloride

Concen: 51.033 ug/l

RT: 2.59 min Scan# 441

Delta R.T. -0.00 min

Lab File: VU027162.D

Acq: 26 Sep 2018 05:35

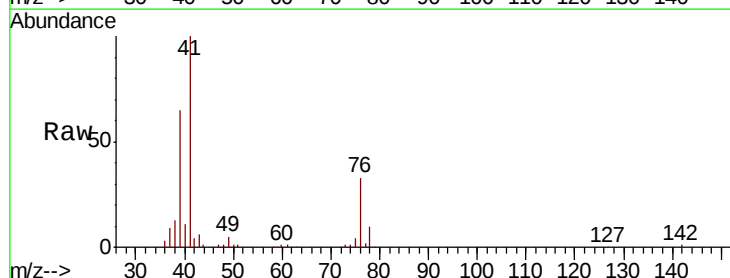
Tgt Ion: 41 Resp: 106549

Ion Ratio Lower Upper

41 100

39 65.1 55.7 83.5

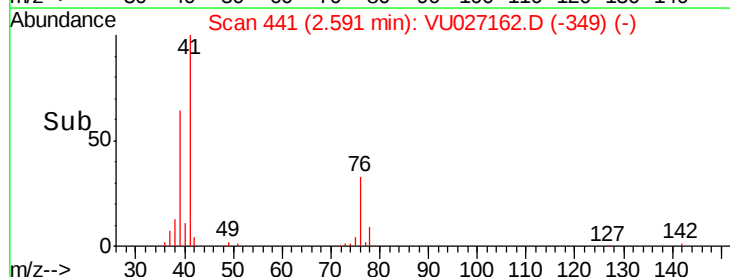
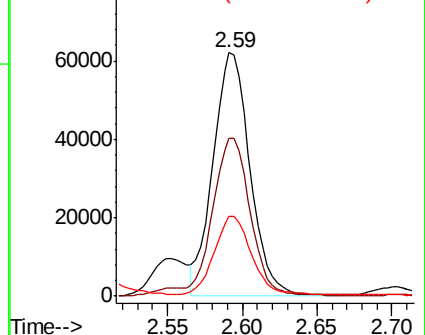
76 33.2 26.5 39.7

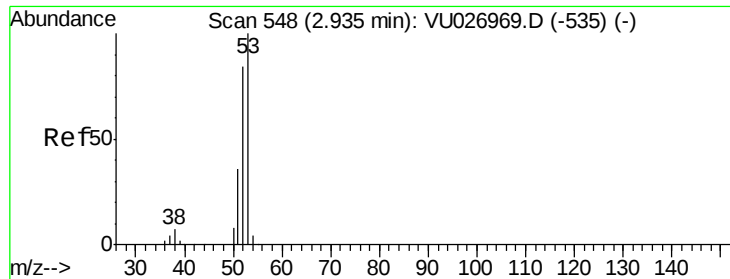


Abundance Ion 41.00 (40.70 to 41.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

Ion 75.90 (75.60 to 76.60): VU0





#15

Acrylonitrile

Concen: 281.535 ug/l

RT: 2.94 min Scan# 548

Delta R.T. 0.00 min

Lab File: VU027162.D

Acq: 26 Sep 2018 05:35

Instrument :

MSVOA_U

ClientSampleId :

BFB

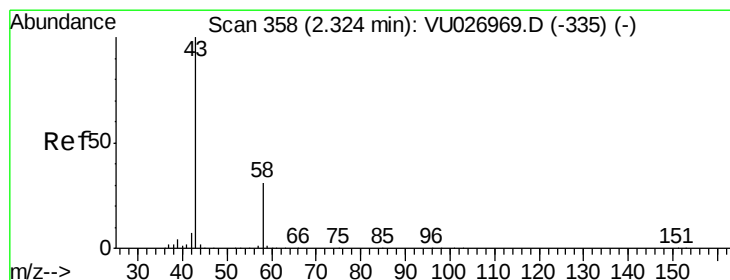
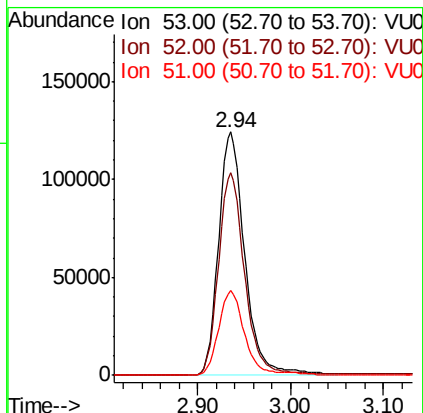
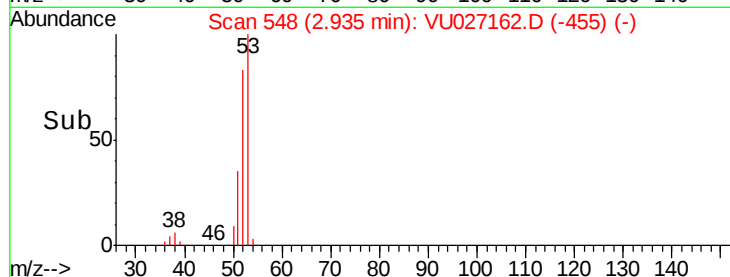
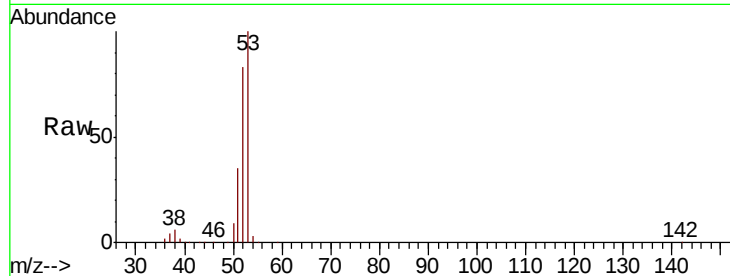
Tot Ion: 53 Resp: 243970

Ion Ratio Lower Upper

53 100

52 83.0 65.7 98.5

51 35.2 27.4 41.2



#16

Acetone

Concen: 279.320 ug/l

RT: 2.32 min Scan# 357

Delta R.T. -0.00 min

Lab File: VU027162.D

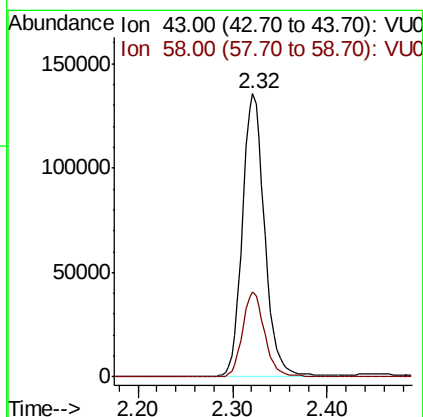
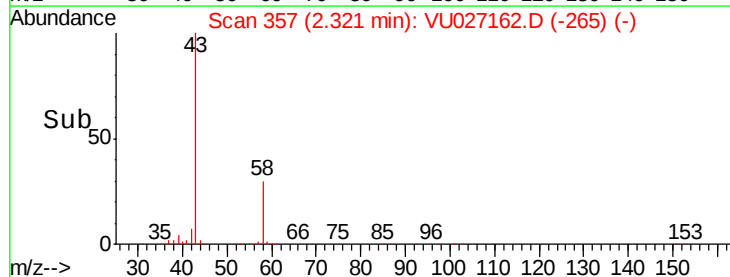
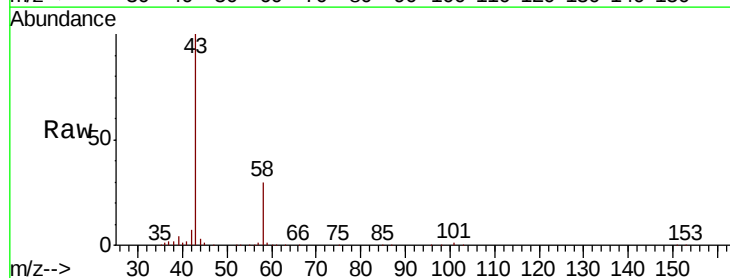
Acq: 26 Sep 2018 05:35

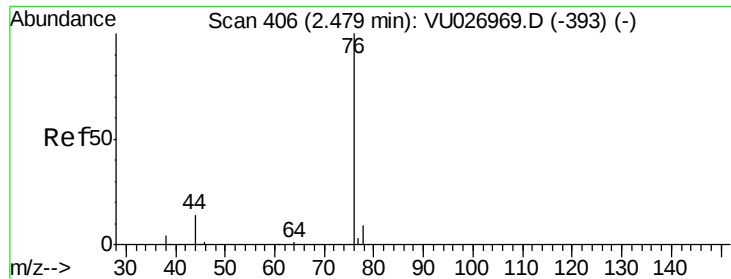
Tgt Ion: 43 Resp: 221017

Ion Ratio Lower Upper

43 100

58 29.9 24.6 36.8

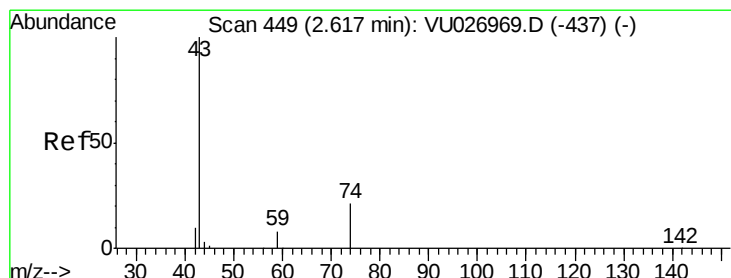
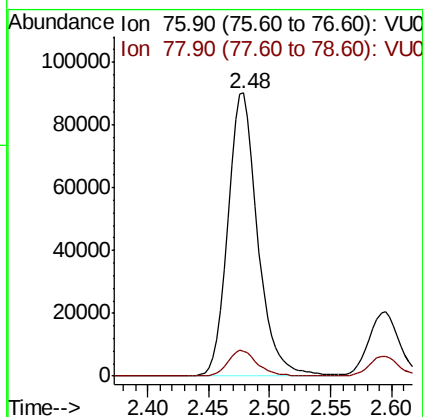
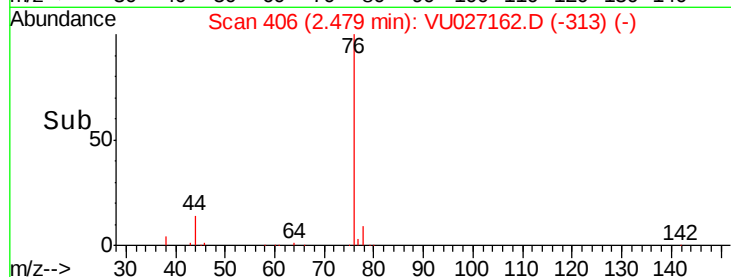
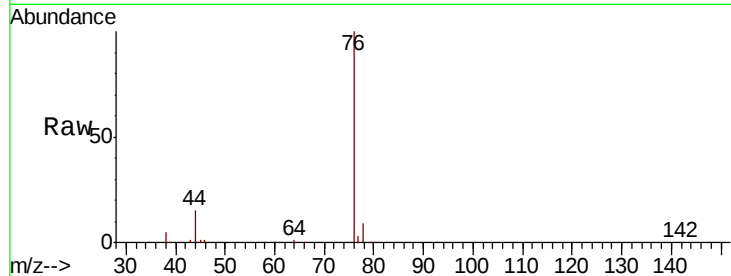




#17
Carbon Disulfide
Concen: 46.071 ug/l
RT: 2.48 min Scan# 406
Delta R.T. 0.00 min
Lab File: VU027162.D
Acq: 26 Sep 2018 05:35

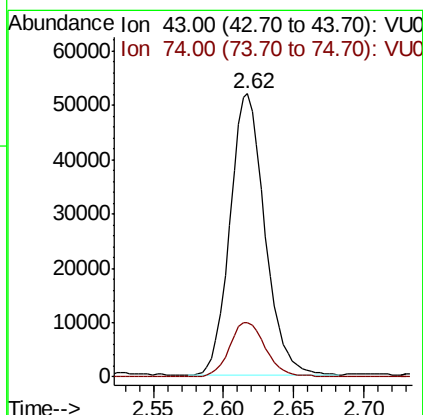
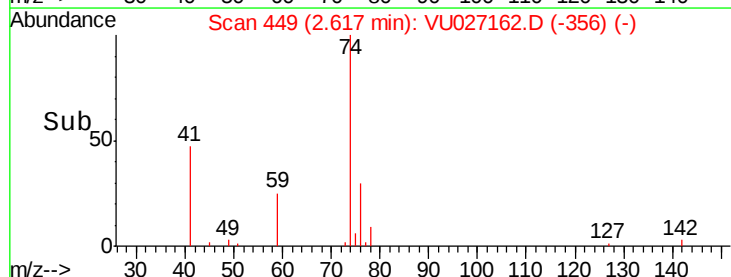
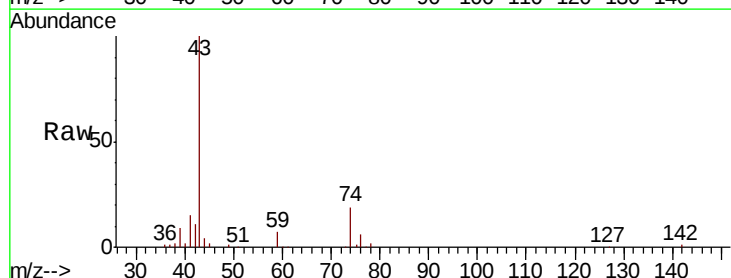
Instrument :
MSVOA_U
ClientSampled :
BFB

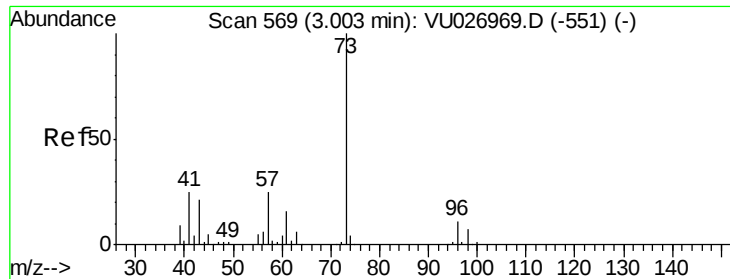
Tot Ion: 76 Resp: 154495
Ion Ratio Lower Upper
76 100
78 9.0 7.1 10.7



#18
Methyl Acetate
Concen: 41.852 ug/l
RT: 2.62 min Scan# 449
Delta R.T. 0.00 min
Lab File: VU027162.D
Acq: 26 Sep 2018 05:35

Tgt Ion: 43 Resp: 89357
Ion Ratio Lower Upper
43 100
74 20.2 16.6 25.0

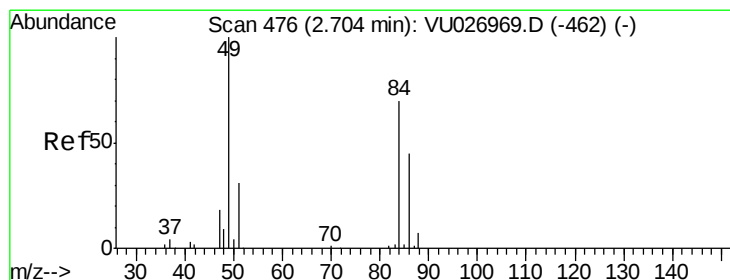
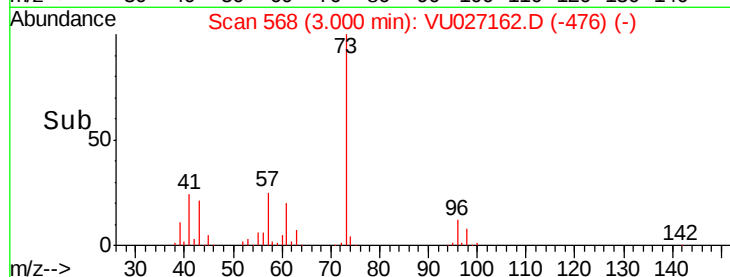
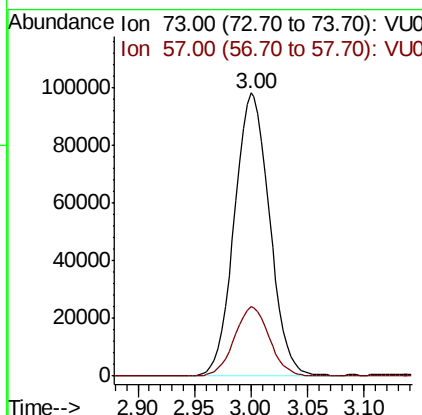
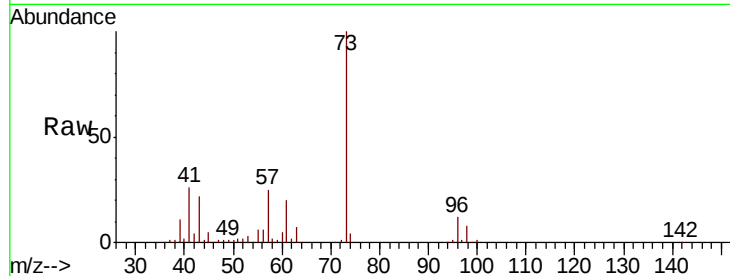




#19
Methyl tert-butyl Ether
Concen: 56.216 ug/l
RT: 3.00 min Scan# 568
Delta R.T. -0.00 min
Lab File: VU027162.D
Acq: 26 Sep 2018 05:35

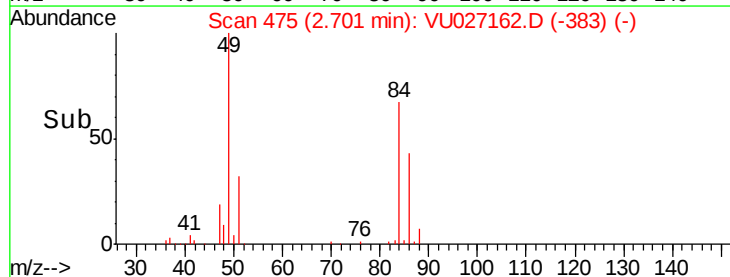
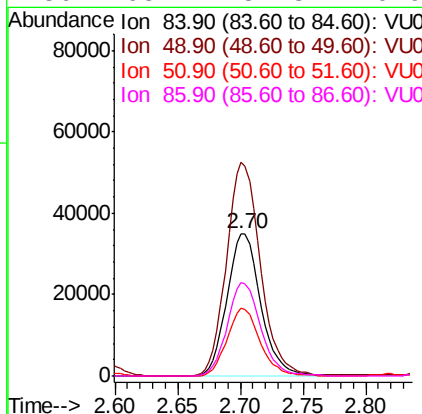
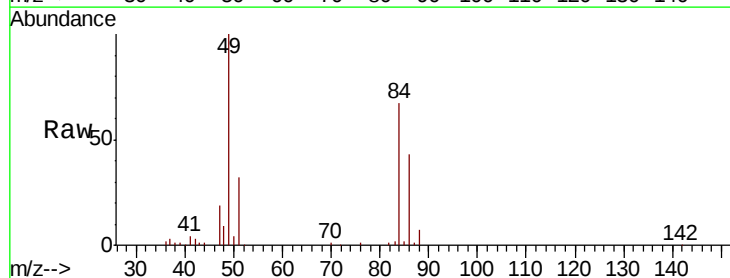
Instrument :
MSVOA_U
ClientSampled :
BFB

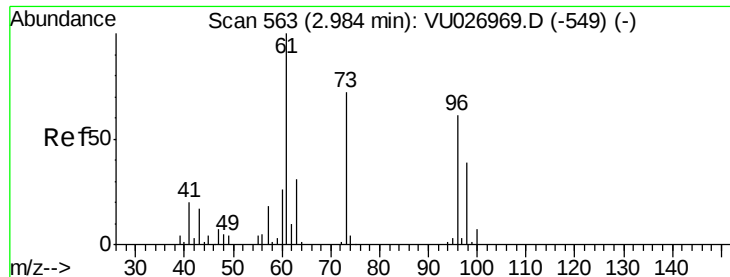
Tot Ion: 73 Resp: 212652
Ion Ratio Lower Upper
73 100
57 24.6 19.8 29.6



#20
Methylene Chloride
Concen: 48.760 ug/l
RT: 2.70 min Scan# 475
Delta R.T. -0.00 min
Lab File: VU027162.D
Acq: 26 Sep 2018 05:35

Tgt Ion: 84 Resp: 65505
Ion Ratio Lower Upper
84 100
49 149.6 114.9 172.3
51 47.1 35.8 53.8
86 65.1 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 50.378 ug/l

RT: 2.98 min Scan# 563

Delta R.T. 0.00 min

Lab File: VU027162.D

Acq: 26 Sep 2018 05:35

Instrument :

MSVOA_U

ClientSampled :

BFB

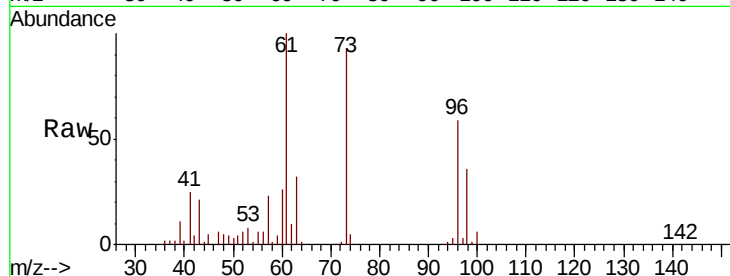
Tot Ion: 96 Resp: 55368

Ion Ratio Lower Upper

96 100

61 169.4 131.8 197.6

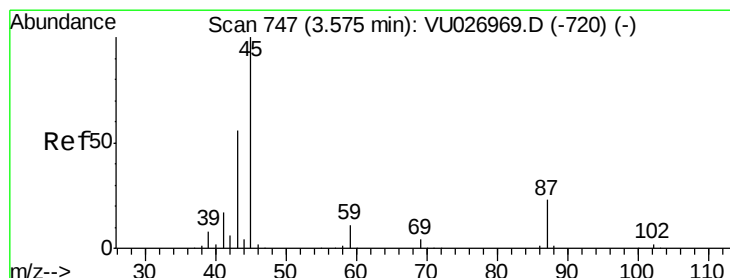
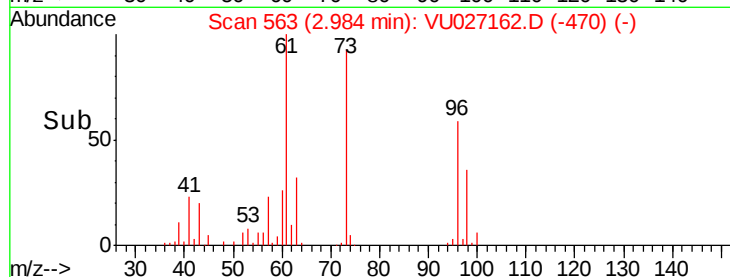
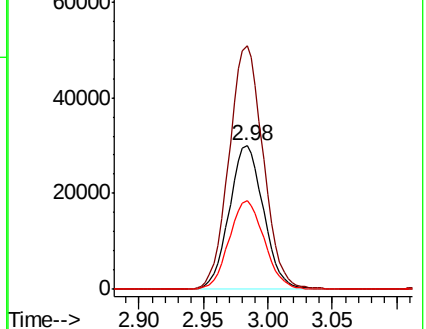
98 61.4 50.9 76.3



Abundance Ion 95.90 (95.60 to 96.60): VU027162.D (-470) (-)

Ion 60.90 (60.60 to 61.60): VU027162.D (-470) (-)

Ion 97.90 (97.60 to 98.60): VU027162.D (-470) (-)



#22

Diisopropyl ether

Concen: 58.445 ug/l

RT: 3.58 min Scan# 747

Delta R.T. 0.00 min

Lab File: VU027162.D

Acq: 26 Sep 2018 05:35

Tgt Ion: 45 Resp: 260999

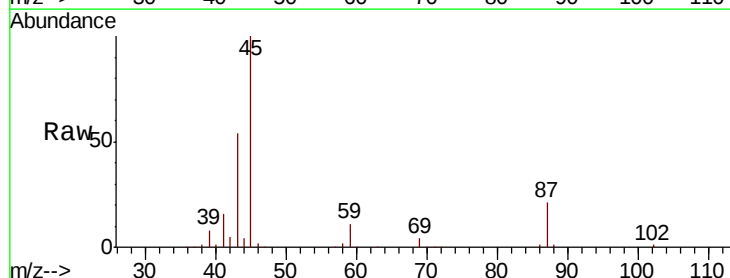
Ion Ratio Lower Upper

45 100

43 51.9 45.8 68.6

87 21.4 18.6 28.0

59 10.6 9.0 13.4

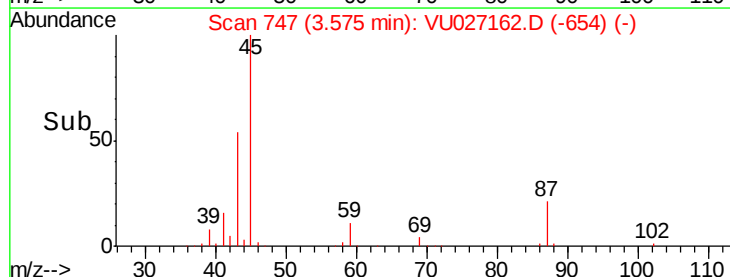
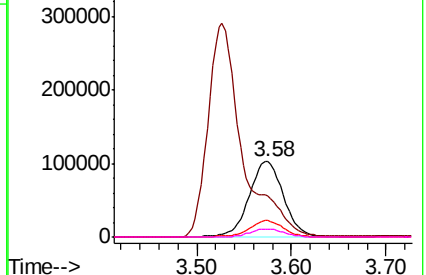


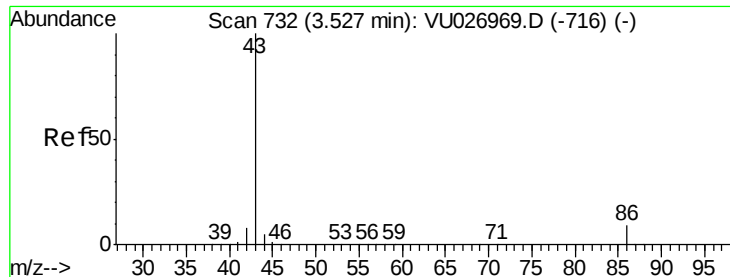
Abundance Ion 45.00 (44.70 to 45.70): VU027162.D (-654) (-)

Ion 43.00 (42.70 to 43.70): VU027162.D (-654) (-)

Ion 87.00 (86.70 to 87.70): VU027162.D (-654) (-)

Ion 59.00 (58.70 to 59.70): VU027162.D (-654) (-)





#23

Vinyl Acetate

Concen: 193.699 ug/l

RT: 3.53 min Scan# 732

Delta R.T. 0.00 min

Lab File: VU027162.D

Acq: 26 Sep 2018 05:35

Instrument :

MSVOA_U

ClientSampleId :

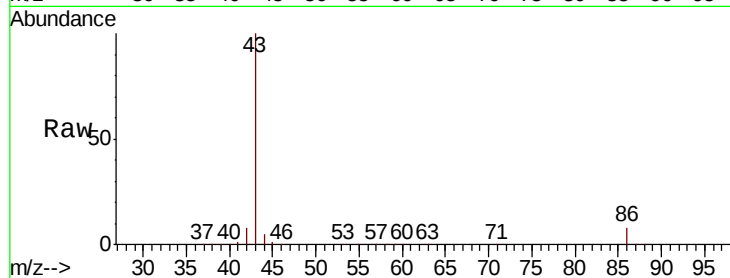
BFB

Tot Ion: 43 Resp: 737346

Ion Ratio Lower Upper

43 100

86 8.3 7.2 10.8



Abundance Ion 43.00 (42.70 to 43.70): VU027162.D (-639) (-)

Ion 86.00 (85.70 to 86.70): VU027162.D (-639) (-)

3.53

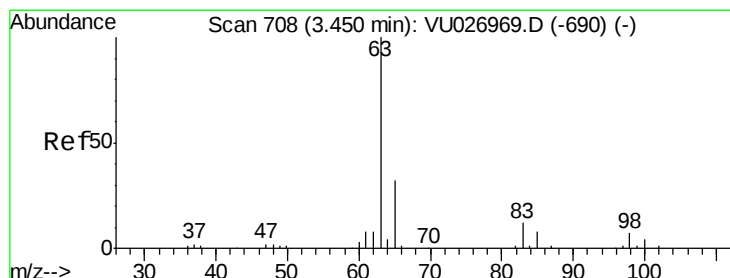
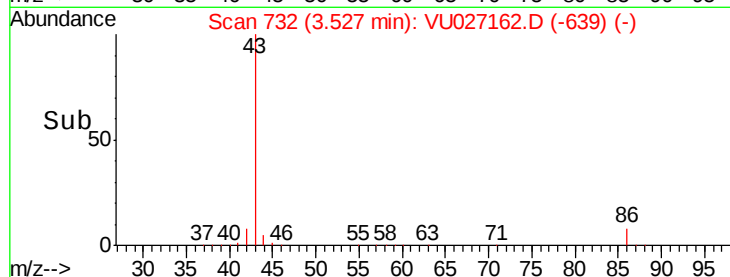
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 54.309 ug/l

RT: 3.45 min Scan# 707

Delta R.T. -0.00 min

Lab File: VU027162.D

Acq: 26 Sep 2018 05:35

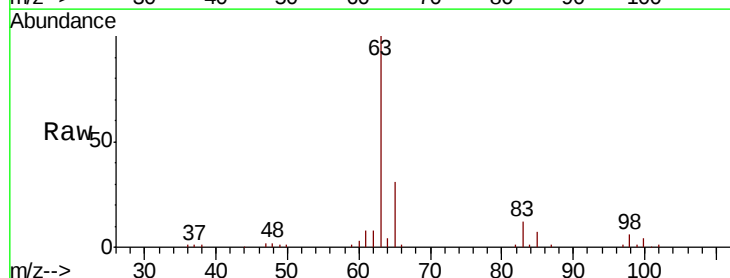
Tgt Ion: 63 Resp: 133576

Ion Ratio Lower Upper

63 100

98 5.9 3.3 9.8

100 3.8 2.0 5.8



Abundance Ion 62.90 (62.60 to 63.60): VU027162.D (-615) (-)

Ion 97.90 (97.60 to 98.60): VU027162.D (-615) (-)

Ion 99.90 (99.60 to 100.60): VU027162.D (-615) (-)

3.45

80000

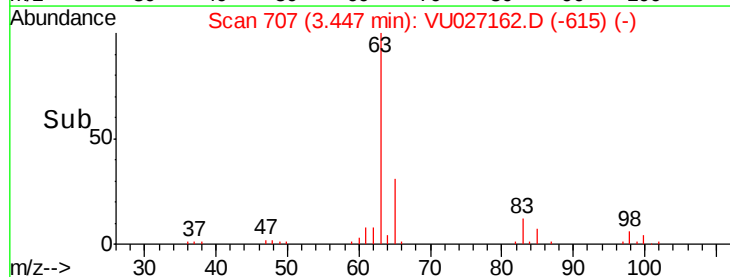
60000

40000

20000

0

Time-->





#25

2-Butanone

Concen: 273.506 ug/l

RT: 4.26 min Scan# 961

Delta R.T. 0.00 min

Lab File: VU027162.D

Acq: 26 Sep 2018 05:35

Instrument :

MSVOA_U

ClientSampleId :

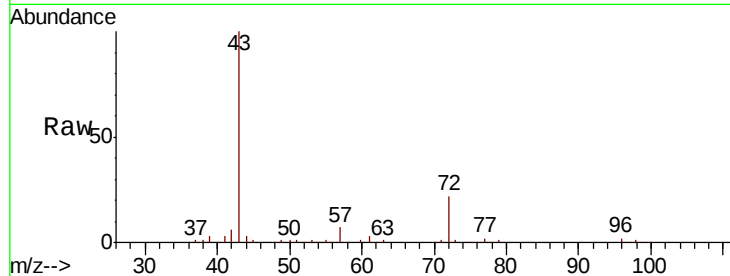
BFB

Tot Ion: 43 Resp: 344790

Ion Ratio Lower Upper

43 100

72 22.2 18.4 27.6



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 72.00 (71.70 to 72.70): VU0

150000

100000

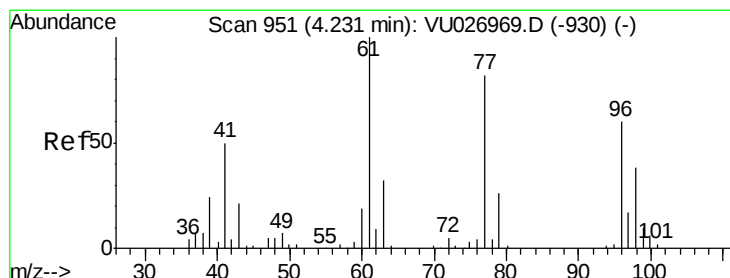
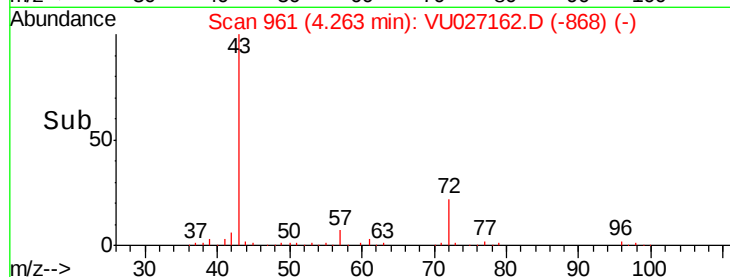
50000

0

4.26

4.20 4.30

Time-->



#26

2,2-Dichloropropane

Concen: 23.838 ug/l

RT: 4.23 min Scan# 951

Delta R.T. 0.00 min

Lab File: VU027162.D

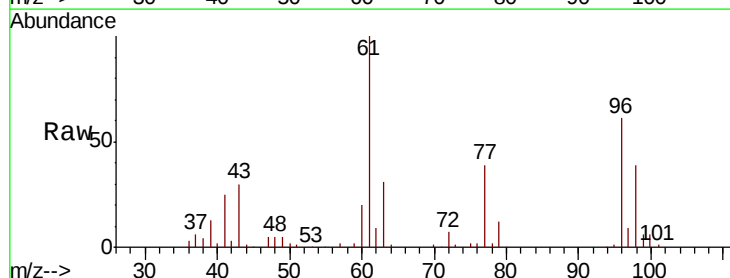
Acq: 26 Sep 2018 05:35

Tgt Ion: 77 Resp: 45724

Ion Ratio Lower Upper

77 100

97 23.3 10.5 31.5



Abundance Ion 76.90 (76.60 to 77.60): VU0

Ion 96.90 (96.60 to 97.60): VU0

20000

15000

10000

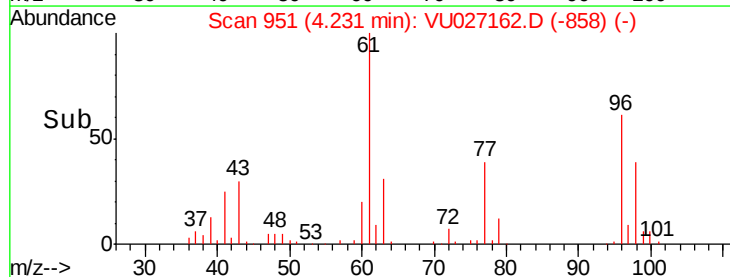
5000

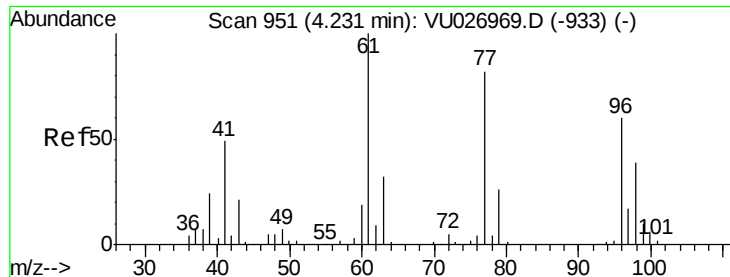
0

4.23

4.10 4.20 4.30

Time-->



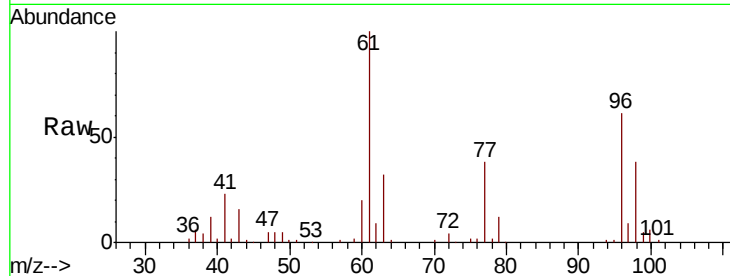


#27

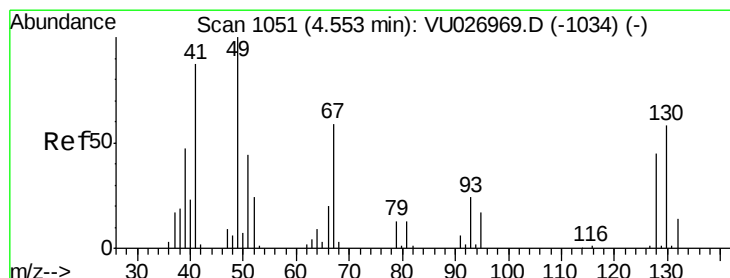
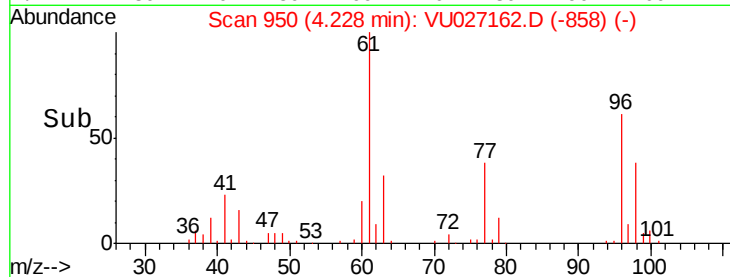
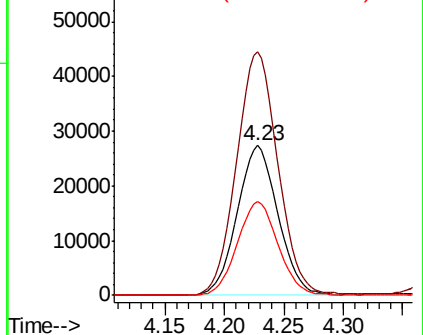
cis-1,2-Dichloroethene
 Concen: 52.403 ug/l
 RT: 4.23 min Scan# 950
 Delta R.T. -0.00 min
 Lab File: VU027162.D
 Acq: 26 Sep 2018 05:35

Instrument :
 MSVOA_U
 ClientSampled :
 BFB

Tot Ion: 96 Resp: 65041
 Ion Ratio Lower Upper
 96 100
 61 165.1 0.0 337.2
 98 62.7 0.0 127.6



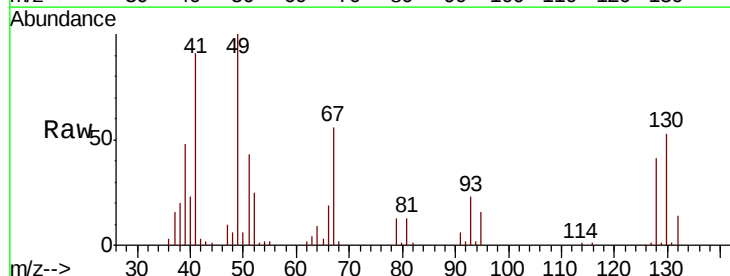
Abundance Ion 95.90 (95.60 to 96.60): VU0
 Ion 60.90 (60.60 to 61.60): VU0
 Ion 97.90 (97.60 to 98.60): VU0



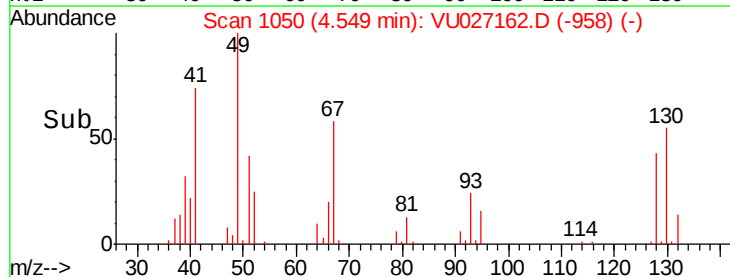
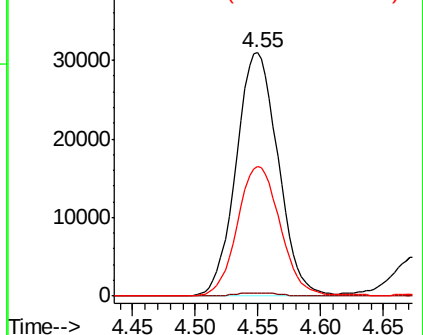
#28

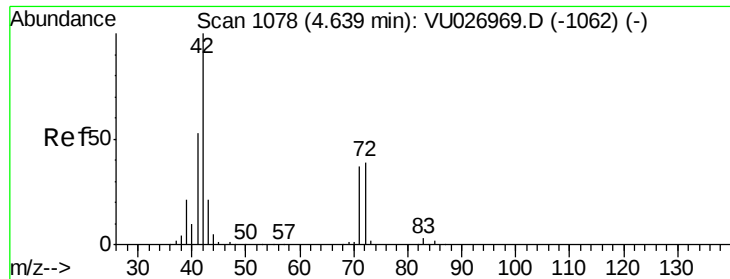
Bromochloromethane
 Concen: 60.998 ug/l
 RT: 4.55 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VU027162.D
 Acq: 26 Sep 2018 05:35

Tgt Ion: 49 Resp: 72320
 Ion Ratio Lower Upper
 49 100
 129 1.2 0.0 3.0
 130 54.0 47.8 71.8



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





#29

Tetrahydrofuran

Concen: 296.487 ug/l

RT: 4.64 min Scan# 1078

Delta R.T. 0.00 min

Lab File: VU027162.D

Acq: 26 Sep 2018 05:35

Instrument :

MSVOA_U

ClientSampleId :

BFB

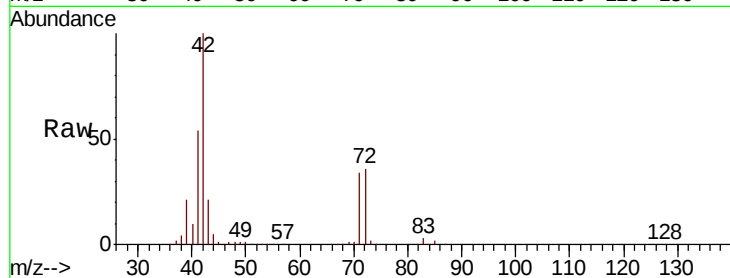
Tot Ion: 42 Resp: 226100

Ion Ratio Lower Upper

42 100

72 37.2 31.7 47.5

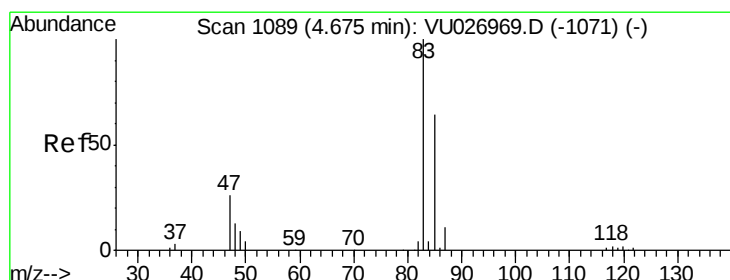
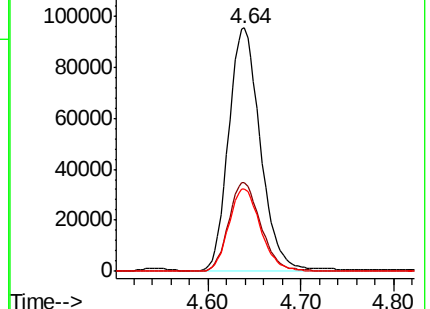
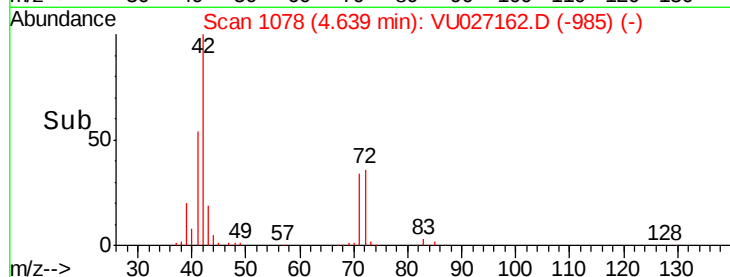
71 33.9 29.6 44.4



Abundance Ion 42.00 (41.70 to 42.70): VU027162.D (-985) (-)

Ion 72.00 (71.70 to 72.70): VU027162.D (-985) (-)

Ion 71.00 (70.70 to 71.70): VU027162.D (-985) (-)



#30

Chloroform

Concen: 52.942 ug/l

RT: 4.67 min Scan# 1089

Delta R.T. 0.00 min

Lab File: VU027162.D

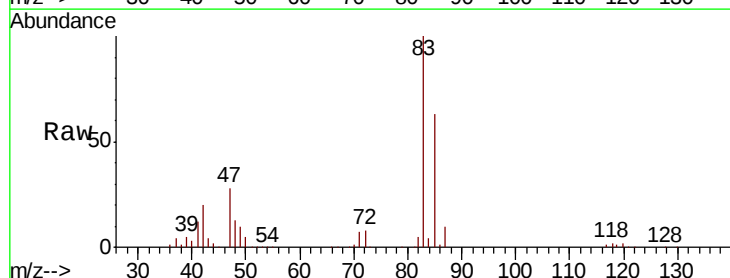
Acq: 26 Sep 2018 05:35

Tgt Ion: 83 Resp: 120869

Ion Ratio Lower Upper

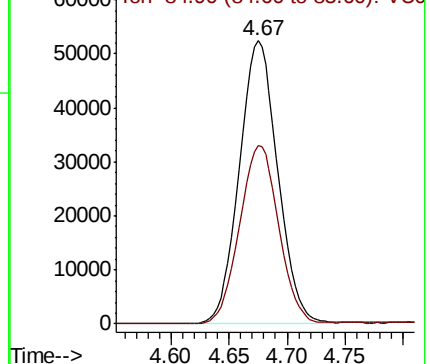
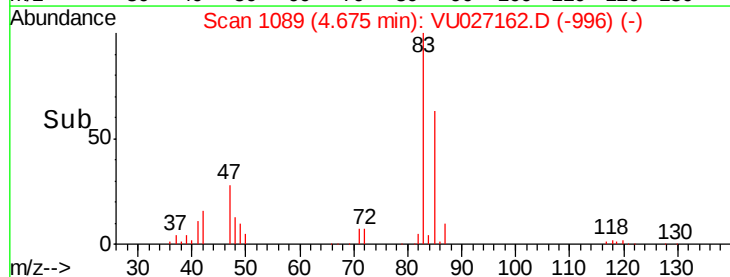
83 100

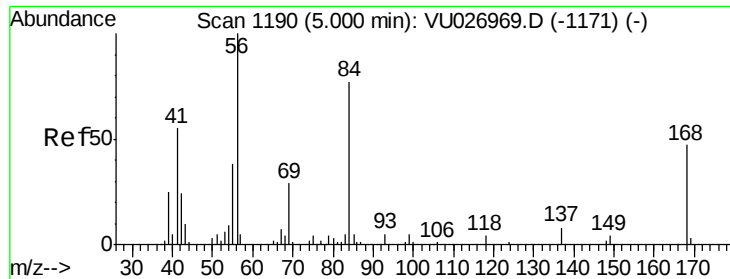
85 63.1 51.5 77.3



Abundance Ion 82.90 (82.60 to 83.60): VU027162.D (-996) (-)

Ion 84.90 (84.60 to 85.60): VU027162.D (-996) (-)

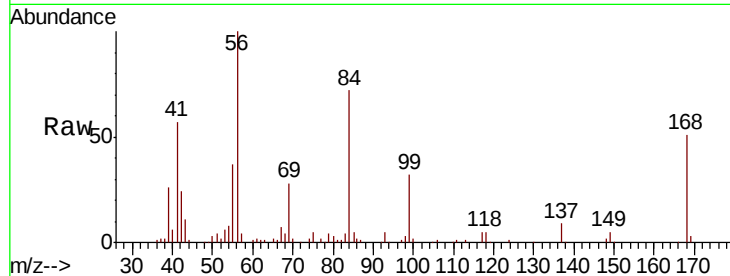




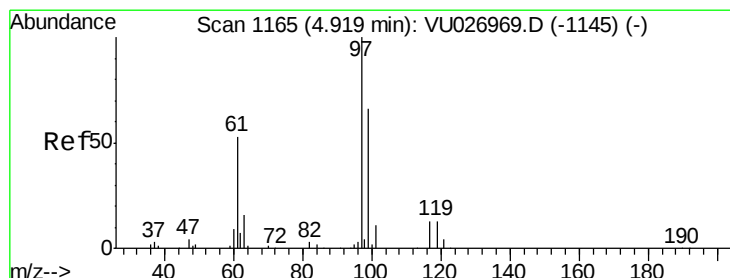
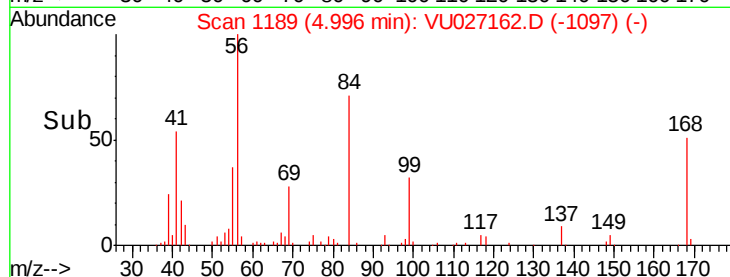
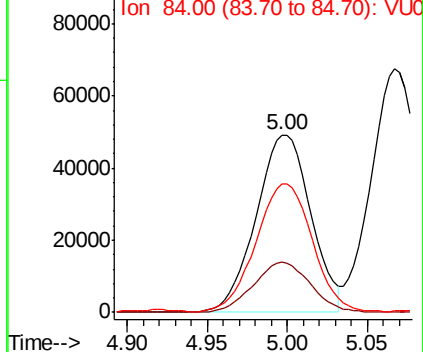
#31
Cyclohexane
Concen: 52.286 ug/l
RT: 5.00 min Scan# 1189
Delta R.T. -0.00 min
Lab File: VU027162.D
Acq: 26 Sep 2018 05:35

Instrument :
MSVOA_U
ClientSampled :
BFB

Tot Ion: 56 Resp: 116840
Ion Ratio Lower Upper
56 100
69 28.2 23.0 34.4
84 71.6 61.4 92.2

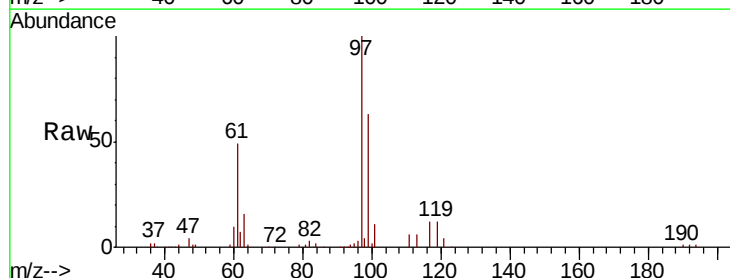


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

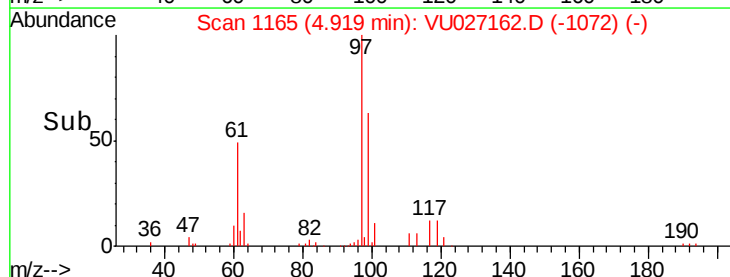
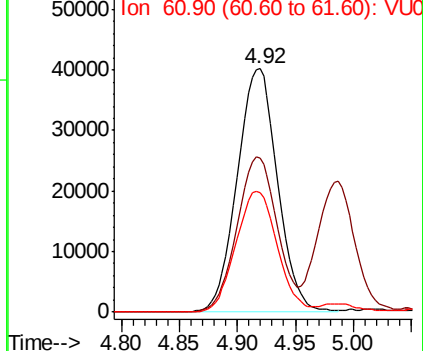


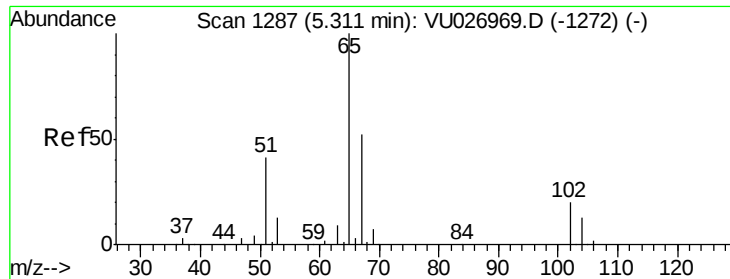
#32
1,1,1-Trichloroethane
Concen: 53.468 ug/l
RT: 4.92 min Scan# 1165
Delta R.T. 0.00 min
Lab File: VU027162.D
Acq: 26 Sep 2018 05:35

Tgt Ion: 97 Resp: 97462
Ion Ratio Lower Upper
97 100
99 63.2 51.8 77.6
61 50.8 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: 55.240 ug/l

RT: 5.31 min Scan# 1287

Delta R.T. 0.00 min

Lab File: VU027162.D

Acq: 26 Sep 2018 05:35

Instrument :

MSVOA_U

ClientSampleId :

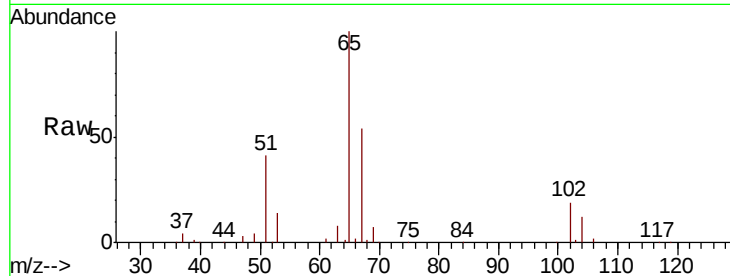
BFB

Tot Ion: 65 Resp: 82864

Ion Ratio Lower Upper

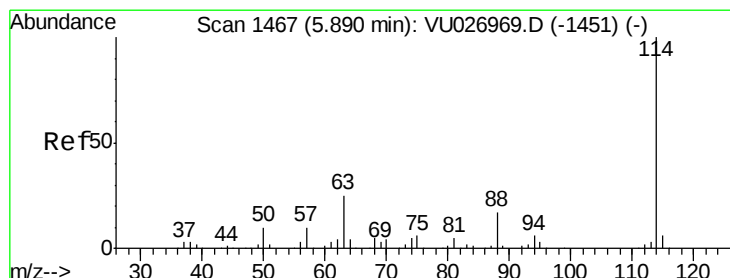
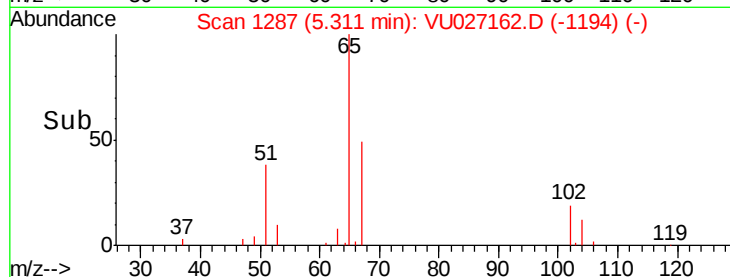
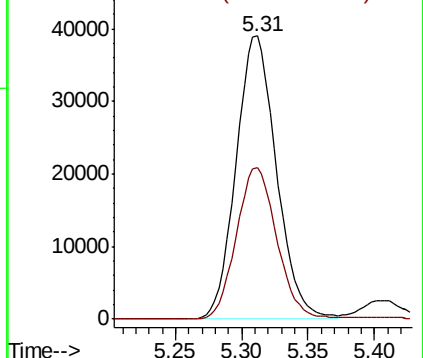
65 100

67 53.4 0.0 105.6



Abundance Ion 64.90 (64.60 to 65.60): VU0

Ion 66.90 (66.60 to 67.60): VU0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.89 min Scan# 1466

Delta R.T. -0.00 min

Lab File: VU027162.D

Acq: 26 Sep 2018 05:35

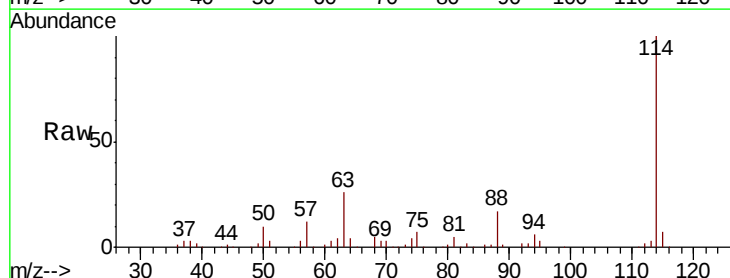
Tgt Ion: 114 Resp: 131210

Ion Ratio Lower Upper

114 100

63 26.0 0.0 49.2

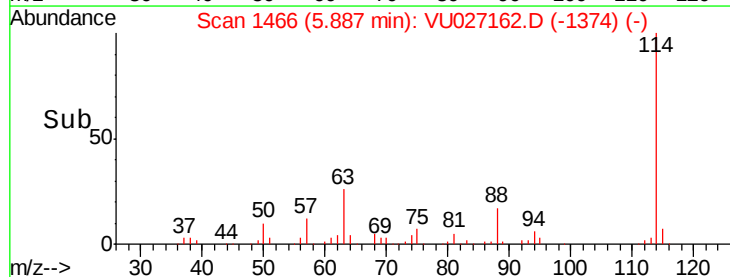
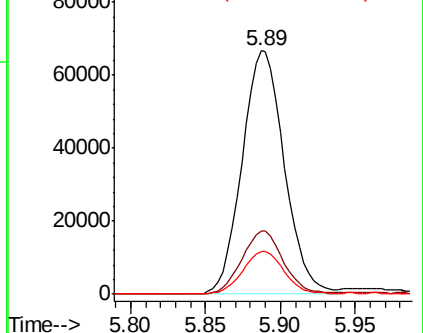
88 17.3 0.0 33.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VU0

Ion 87.90 (87.60 to 88.60): VU0

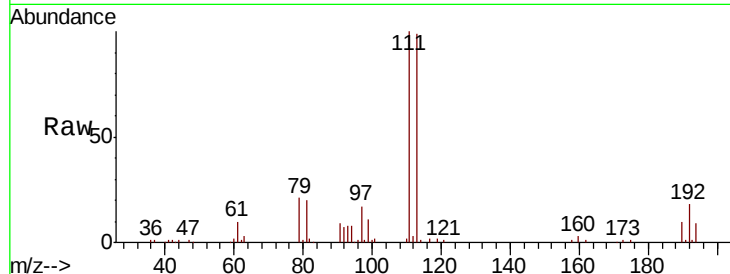




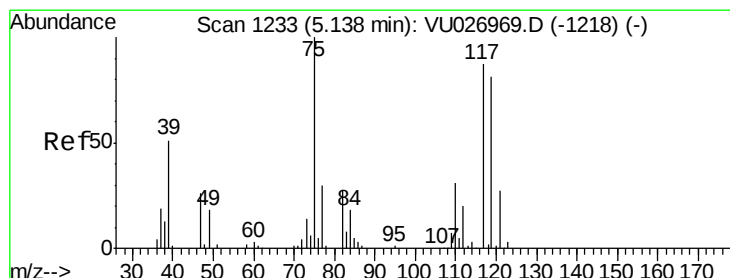
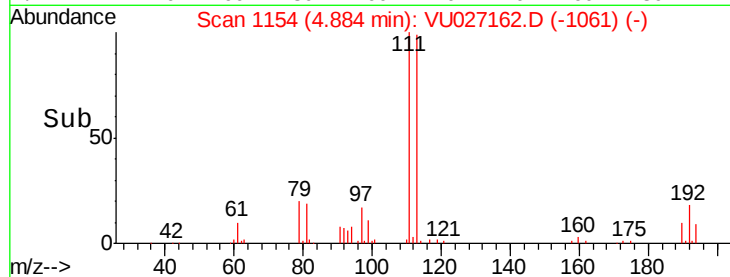
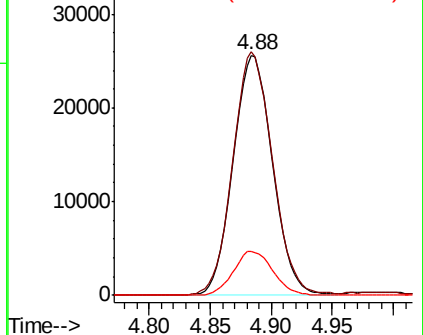
#35
 Dibromofluoromethane
 Concen: 50.458 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: VU027162.D
 Acq: 26 Sep 2018 05:35

Instrument :
 MSVOA_U
 ClientSampleId :
 BFB

Tot Ion:113 Resp: 57388
 Ion Ratio Lower Upper
 113 100
 111 102.1 82.2 123.4
 192 18.2 15.2 22.8

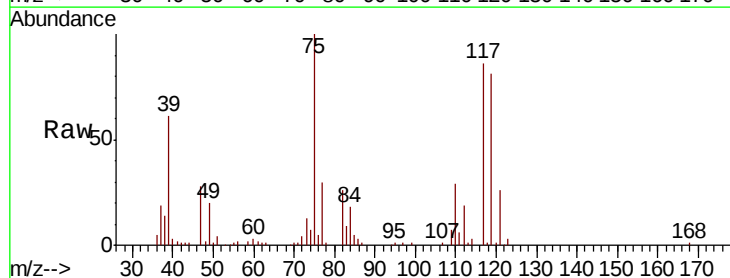


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

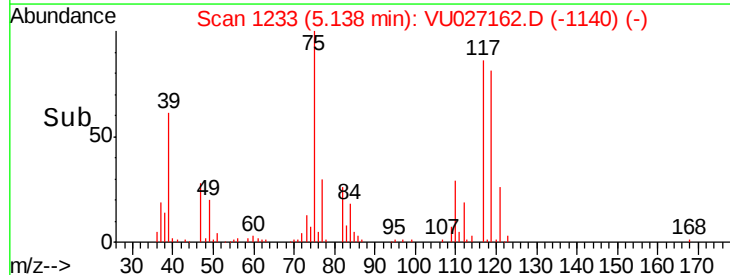
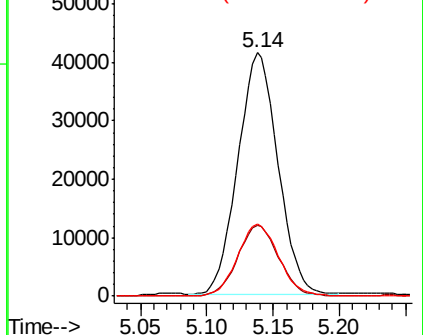


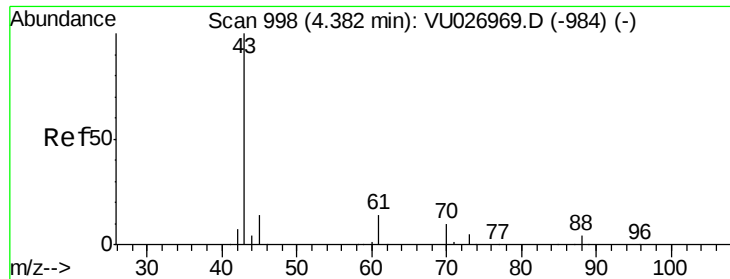
#36
 1,1-Dichloropropene
 Concen: 49.432 ug/l
 RT: 5.14 min Scan# 1233
 Delta R.T. 0.00 min
 Lab File: VU027162.D
 Acq: 26 Sep 2018 05:35

Tgt Ion: 75 Resp: 86562
 Ion Ratio Lower Upper
 75 100
 110 29.9 16.1 48.2
 77 30.6 24.6 36.8



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





#37

Ethyl Acetate

Concen: 38.942 ug/l

RT: 4.38 min Scan# 998

Delta R.T. 0.00 min

Lab File: VU027162.D

Acq: 26 Sep 2018 05:35

Instrument :

MSVOA_U

ClientSampleId :

BFB

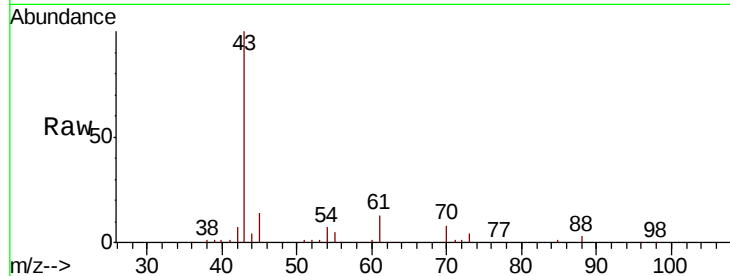
Tot Ion: 43 Resp: 92317

Ion Ratio Lower Upper

43 100

61 13.5 10.5 15.7

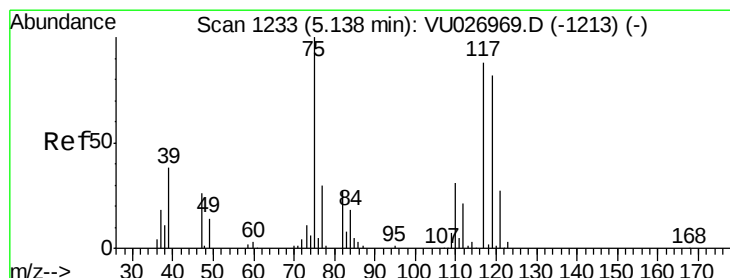
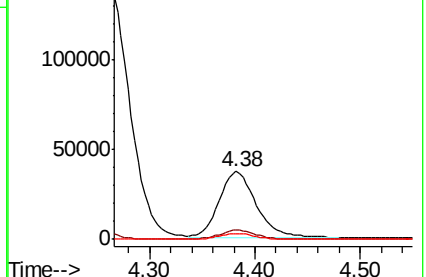
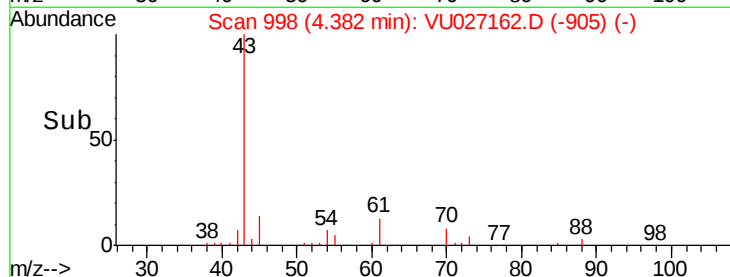
70 8.3 7.4 11.0



Abundance Ion 43.00 (42.70 to 43.70): VU027162.D (-905) (-)

Ion 60.90 (60.60 to 61.60): VU027162.D (-905) (-)

Ion 70.00 (69.70 to 70.70): VU027162.D (-905) (-)



#38

Carbon Tetrachloride

Concen: 49.213 ug/l

RT: 5.13 min Scan# 1232

Delta R.T. -0.00 min

Lab File: VU027162.D

Acq: 26 Sep 2018 05:35

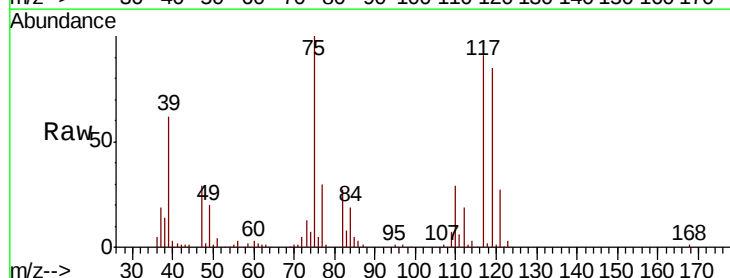
Tgt Ion: 117 Resp: 82011

Ion Ratio Lower Upper

117 100

119 93.1 74.4 111.6

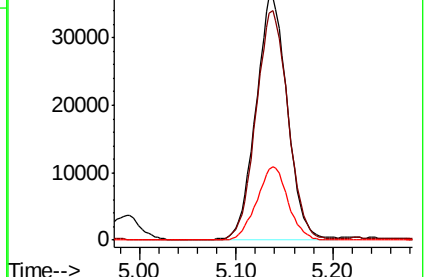
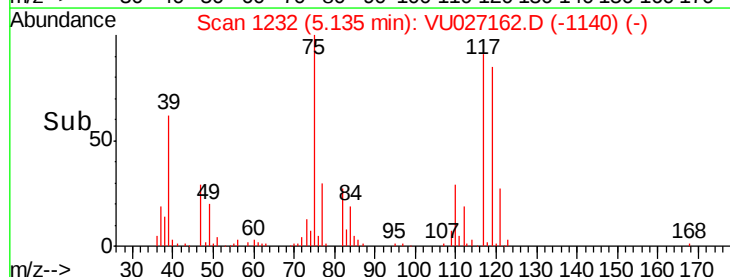
121 29.3 24.2 36.4

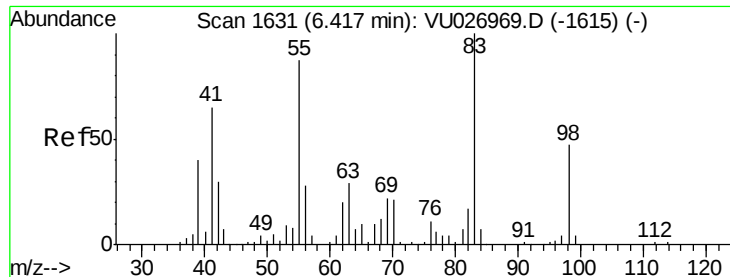


Abundance Ion 116.80 (116.50 to 117.50): VU027162.D (-1140) (-)

Ion 118.80 (118.50 to 119.50): VU027162.D (-1140) (-)

Ion 120.80 (120.50 to 121.50): VU027162.D (-1140) (-)

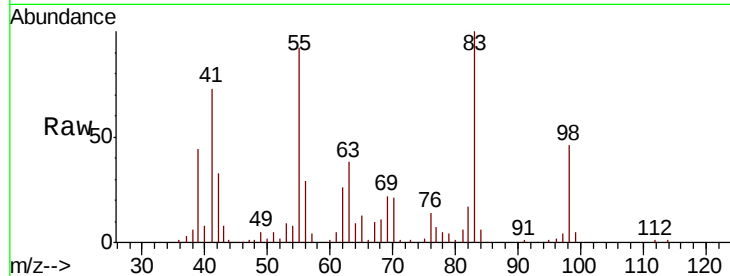




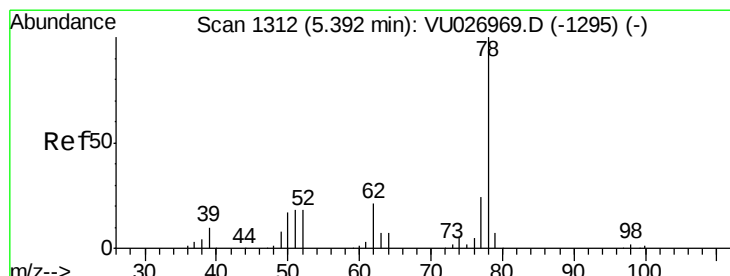
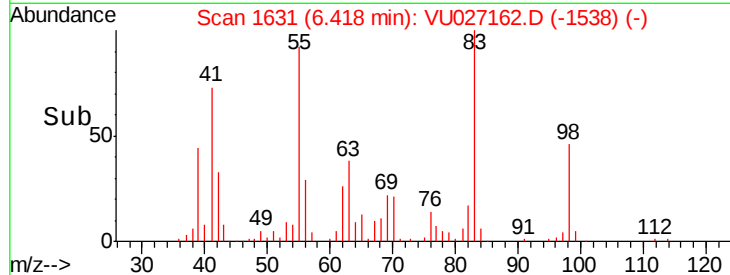
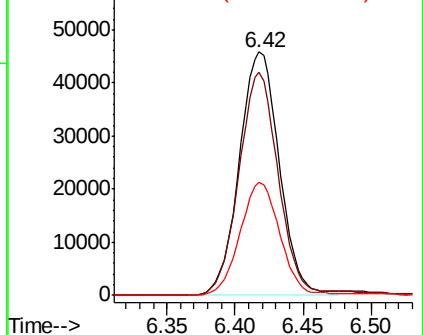
#39
Methvlcvclohexane
Concen: 49.160 ug/l
RT: 6.42 min Scan# 1631
Delta R.T. 0.00 min
Lab File: VU027162.D
Acq: 26 Sep 2018 05:35

Instrument :
MSVOA_U
ClientSampleId :
BFB

Tot Ion: 83 Resp: 93551
Ion Ratio Lower Upper
83 100
55 91.8 69.9 104.9
98 46.4 37.5 56.3

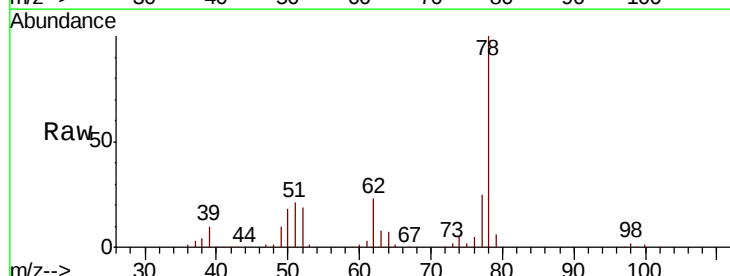


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

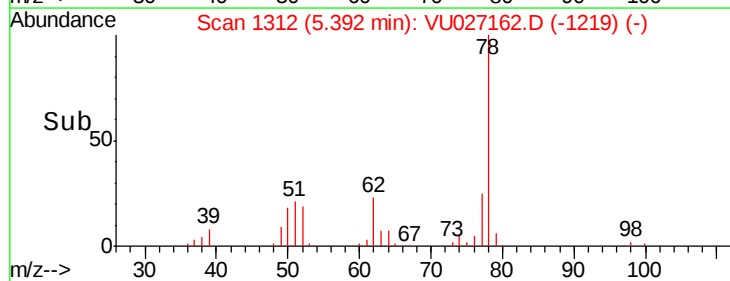
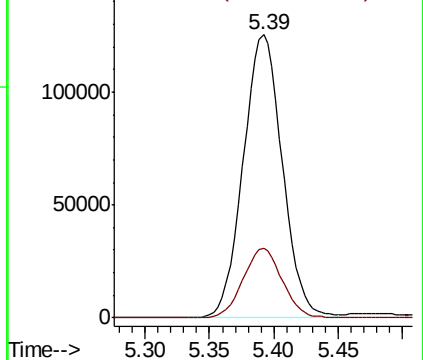


#40
Benzene
Concen: 49.854 ug/l
RT: 5.39 min Scan# 1312
Delta R.T. 0.00 min
Lab File: VU027162.D
Acq: 26 Sep 2018 05:35

Tgt Ion: 78 Resp: 265394
Ion Ratio Lower Upper
78 100
77 24.6 19.4 29.0



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

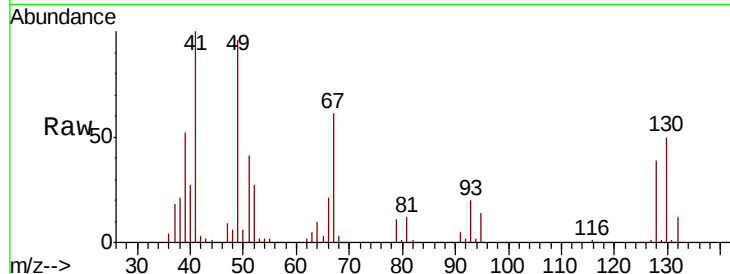




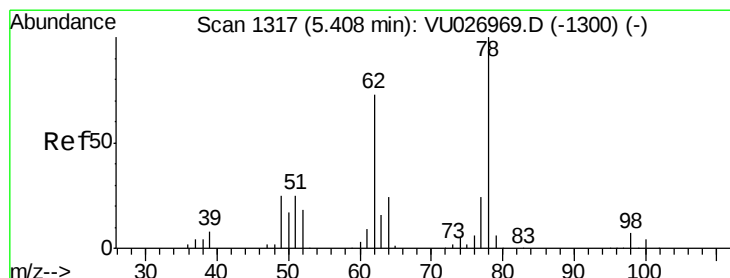
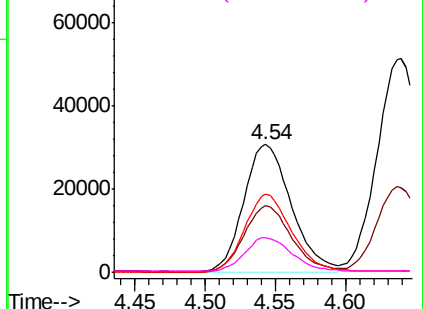
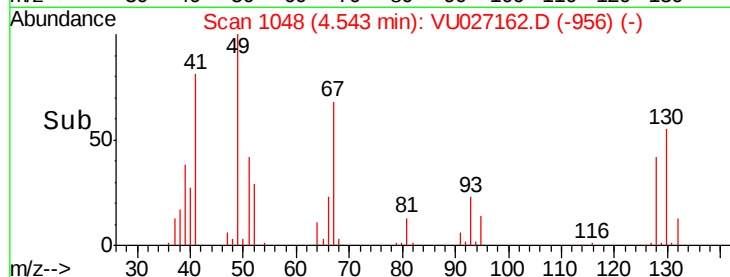
#41
Methacrylonitrile
Concen: 59.109 ug/l
RT: 4.54 min Scan# 1048
Delta R.T. -0.00 min
Lab File: VU027162.D
Acq: 26 Sep 2018 05:35

Instrument :
MSVOA_U
ClientSampleId :
BFB

Tot Ion: 41 Resp: 72772
Ion Ratio Lower Upper
41 100
39 52.7 42.9 64.3
67 60.7 52.4 78.6
52 26.6 21.3 31.9

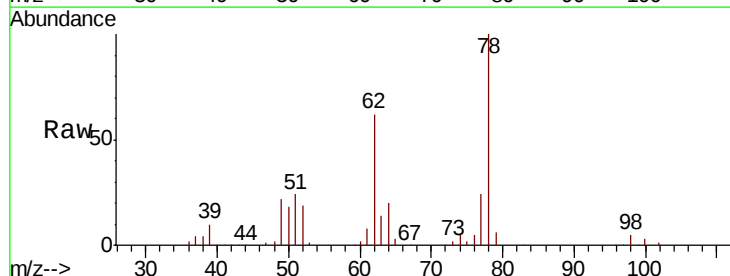


Abundance Ion 41.00 (40.70 to 41.70): VU0
Ion 39.00 (38.70 to 39.70): VU0
Ion 67.00 (66.70 to 67.70): VU0
Ion 52.00 (51.70 to 52.70): VU0

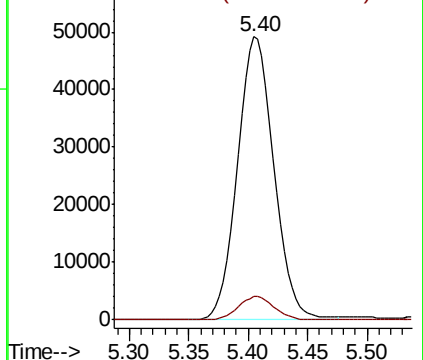
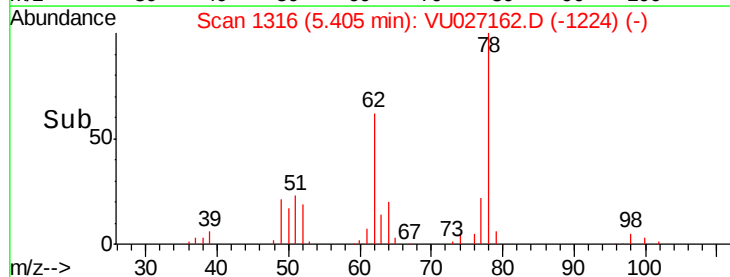


#42
1,2-Dichloroethane
Concen: 51.999 ug/l
RT: 5.40 min Scan# 1316
Delta R.T. -0.00 min
Lab File: VU027162.D
Acq: 26 Sep 2018 05:35

Tgt Ion: 62 Resp: 104585
Ion Ratio Lower Upper
62 100
98 8.0 0.0 17.0



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





#43

Isopropyl Acetate

Concen: 46.199 ug/l

RT: 5.55 min Scan# 1361

Delta R.T. -0.00 min

Lab File: VU027162.D

Acq: 26 Sep 2018 05:35

Instrument :

MSVOA_U

ClientSampleId :

BFB

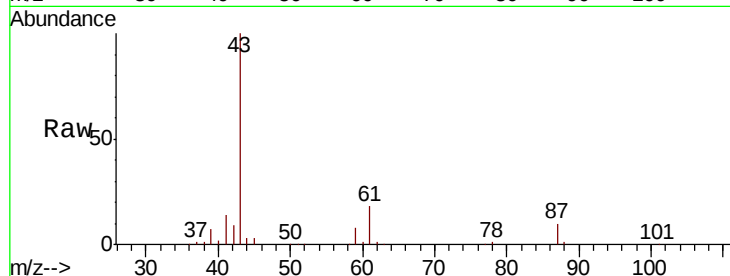
Tot Ion: 43 Resp: 159719

Ion Ratio Lower Upper

43 100

61 18.4 15.7 23.5

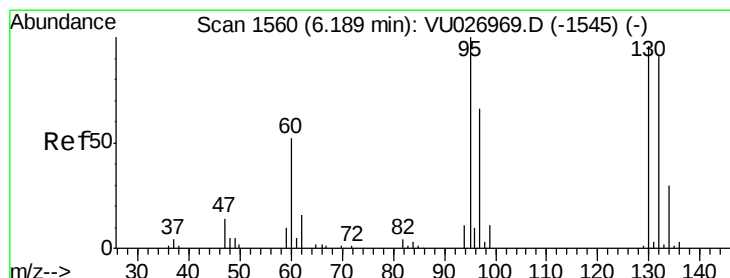
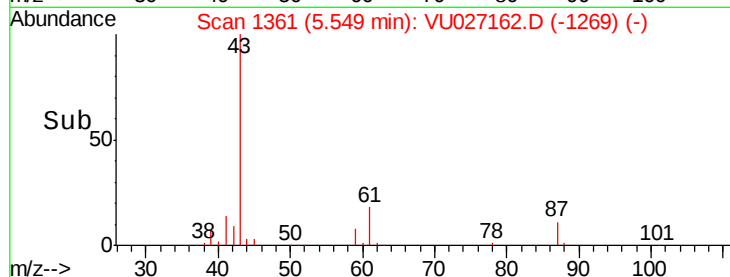
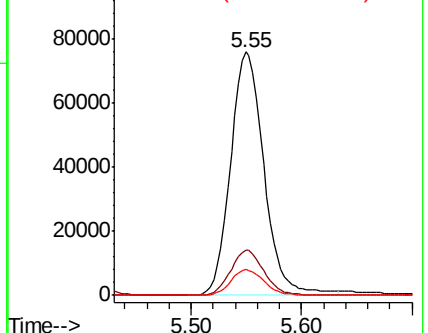
87 10.4 9.0 13.4



Abundance Ion 43.00 (42.70 to 43.70): VU027162.D (-1342) (-)

Ion 61.00 (60.70 to 61.70): VU027162.D (-1342) (-)

Ion 87.00 (86.70 to 87.70): VU027162.D (-1342) (-)



#44

Trichloroethene

Concen: 49.357 ug/l

RT: 6.19 min Scan# 1559

Delta R.T. -0.00 min

Lab File: VU027162.D

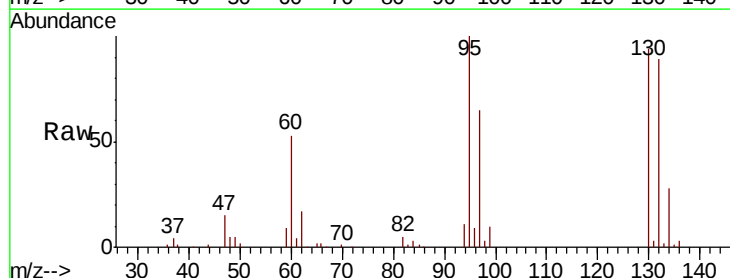
Acq: 26 Sep 2018 05:35

Tgt Ion:130 Resp: 55937

Ion Ratio Lower Upper

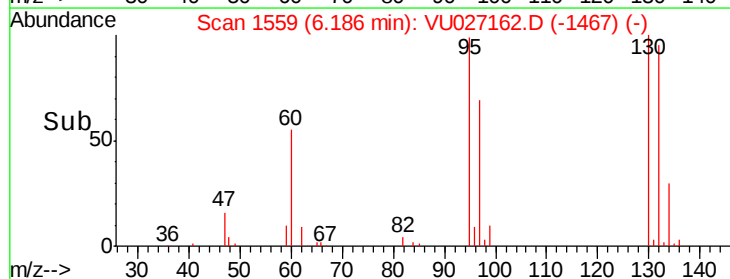
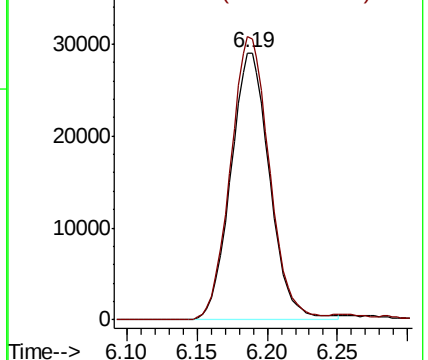
130 100

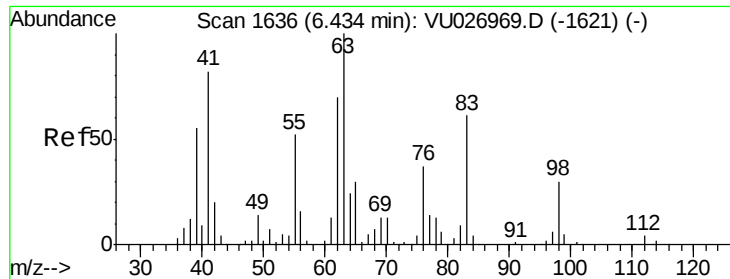
95 106.1 0.0 208.8



Abundance Ion 129.80 (129.50 to 130.50): VU027162.D (-1467) (-)

Ion 94.90 (94.60 to 95.60): VU027162.D (-1467) (-)

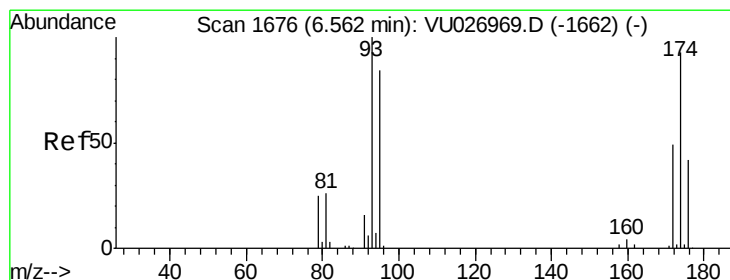
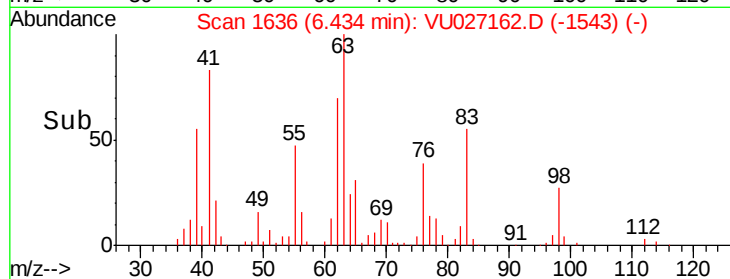
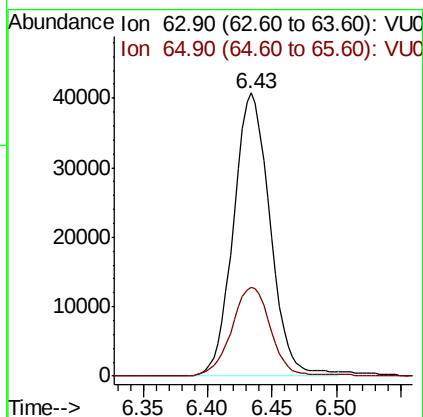
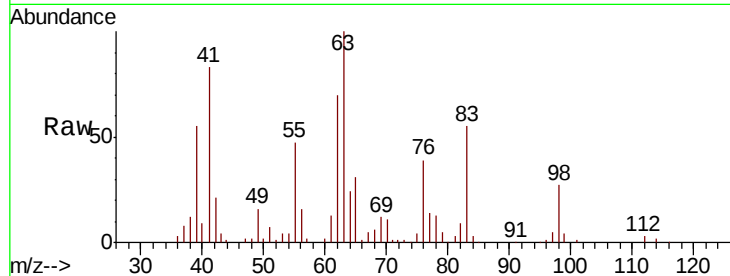




#45
 1,2-Dichloropropane
 Concen: 53.085 ug/l
 RT: 6.43 min Scan# 1636
 Delta R.T. 0.00 min
 Lab File: VU027162.D
 Acq: 26 Sep 2018 05:35

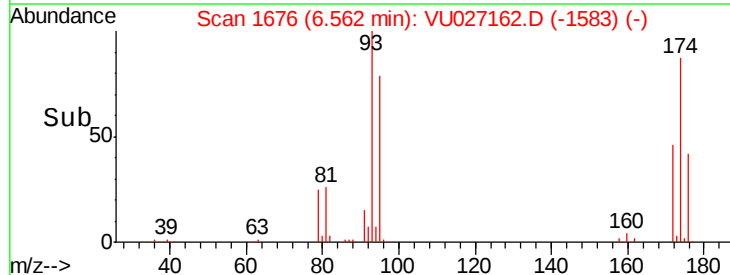
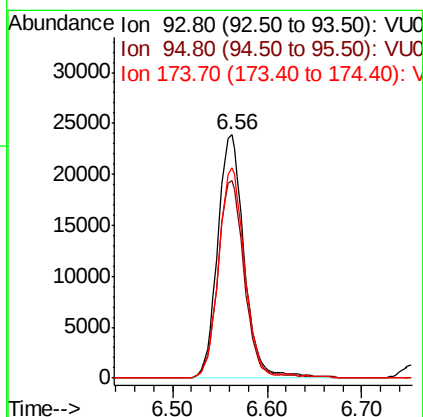
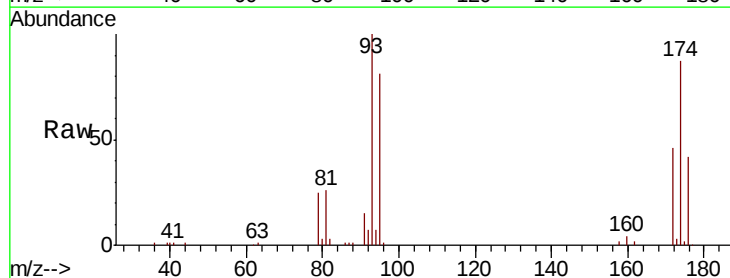
Instrument :
 MSVOA_U
 ClientSampled :
 BFB

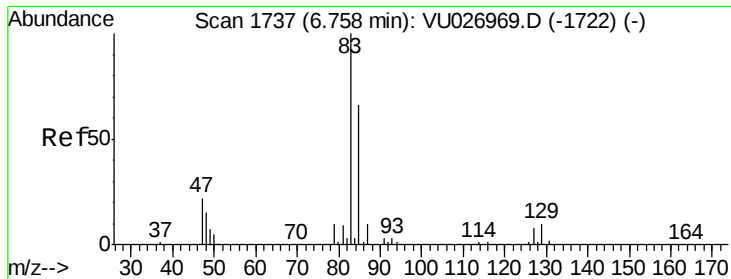
Tot Ion: 63 Resp: 80521
 Ion Ratio Lower Upper
 63 100
 65 31.3 24.3 36.5



#46
 Dibromomethane
 Concen: 50.822 ug/l
 RT: 6.56 min Scan# 1676
 Delta R.T. 0.00 min
 Lab File: VU027162.D
 Acq: 26 Sep 2018 05:35

Tgt Ion: 93 Resp: 46558
 Ion Ratio Lower Upper
 93 100
 95 81.2 66.2 99.4
 174 83.6 71.7 107.5

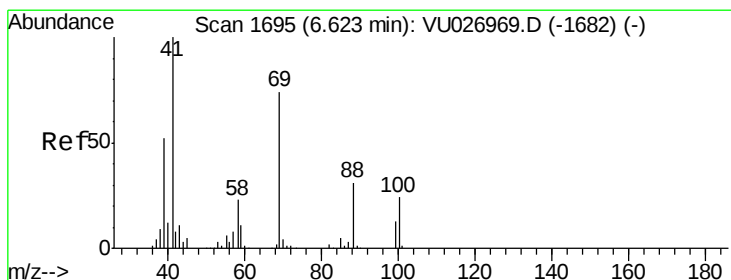
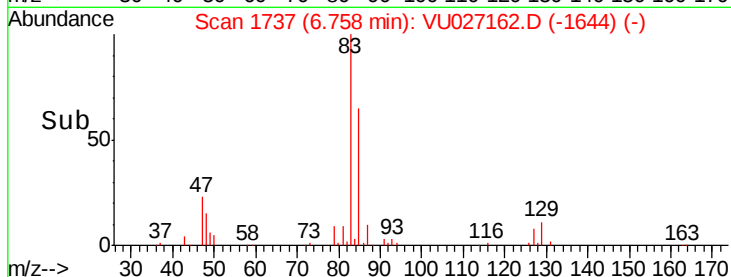
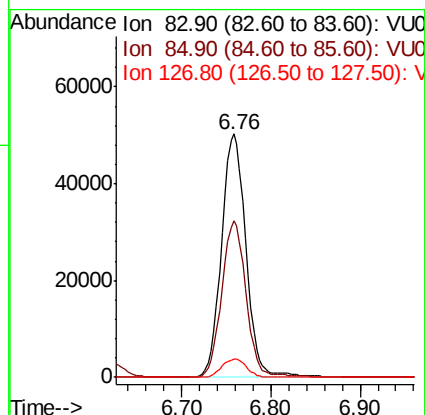
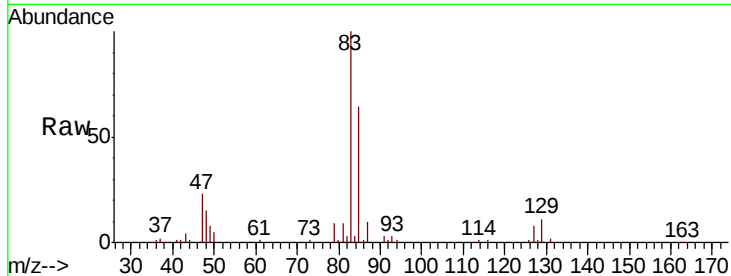




#47
 Bromodichloromethane
 Concen: 51.496 ug/l
 RT: 6.76 min Scan# 1737
 Delta R.T. 0.00 min
 Lab File: VU027162.D
 Acq: 26 Sep 2018 05:35

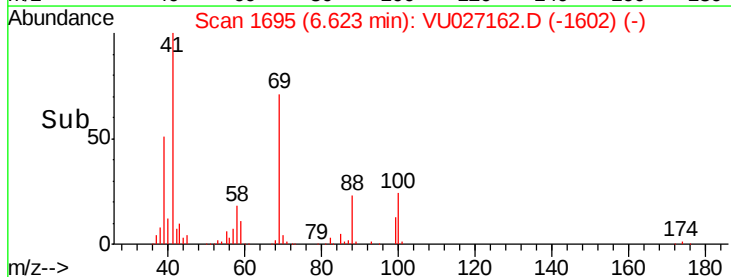
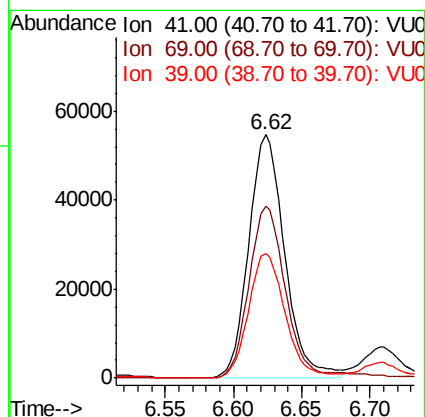
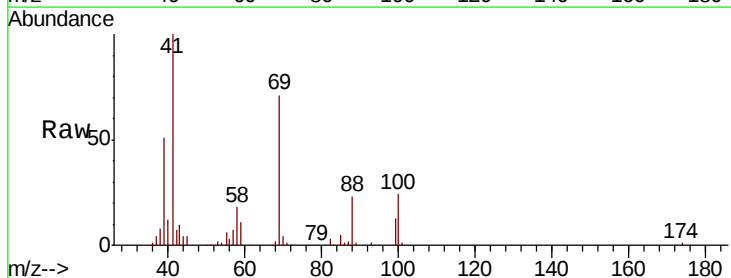
Instrument :
 MSVOA_U
 ClientSampleId :
 BFB

Tot Ion: 83 Resp: 95391
 Ion Ratio Lower Upper
 83 100
 85 64.2 52.5 78.7
 127 7.7 6.3 9.5



#48
 Methyl methacrylate
 Concen: 53.198 ug/l
 RT: 6.62 min Scan# 1695
 Delta R.T. 0.00 min
 Lab File: VU027162.D
 Acq: 26 Sep 2018 05:35

Tgt Ion: 41 Resp: 100227
 Ion Ratio Lower Upper
 41 100
 69 73.7 60.6 90.8
 39 52.7 42.8 64.2

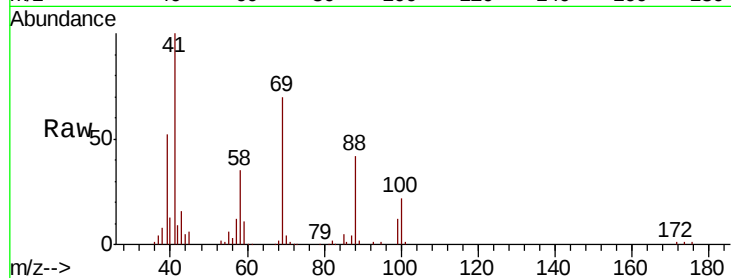




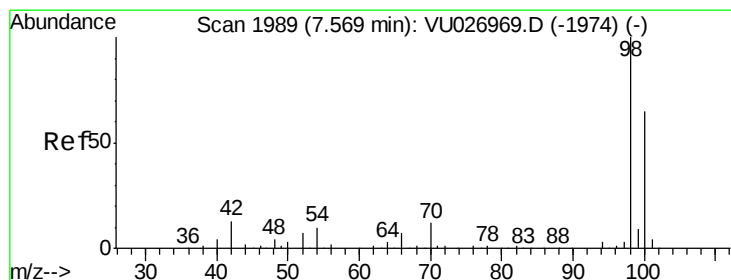
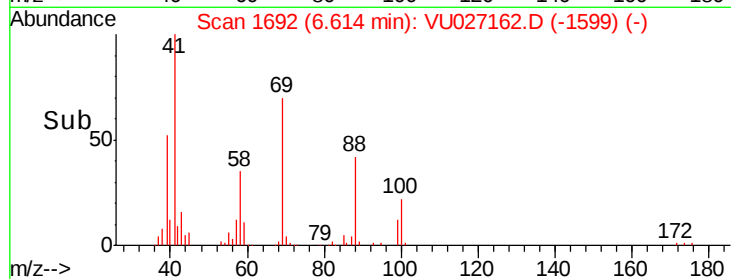
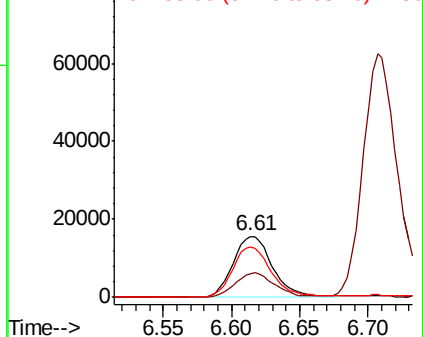
#49
1,4-Dioxane
Concen: 846.517 ug/l
RT: 6.61 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VU027162.D
Acq: 26 Sep 2018 05:35

Instrument :
MSVOA_U
ClientSampleId :
BFB

Tot Ion: 88 Resp: 31644
Ion Ratio Lower Upper
88 100
43 40.4 29.8 44.8
58 81.3 63.9 95.9

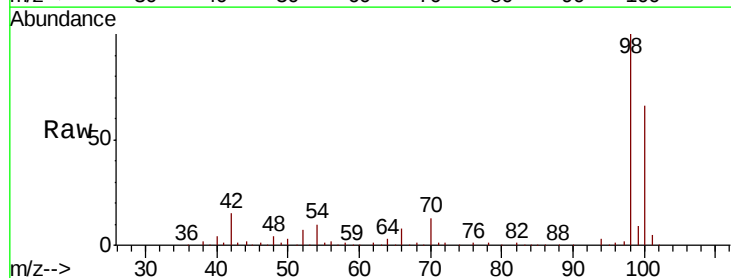


Abundance Ion 88.00 (87.70 to 88.70): VU0
Ion 43.00 (42.70 to 43.70): VU0
Ion 58.00 (57.70 to 58.70): VU0

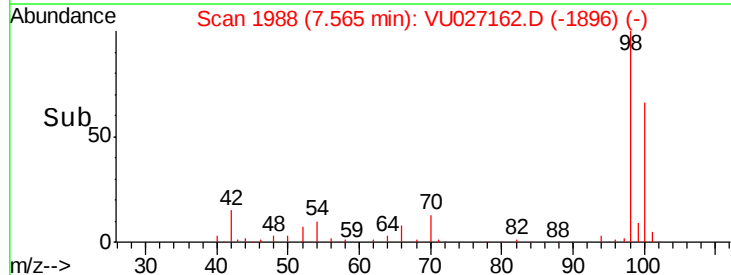
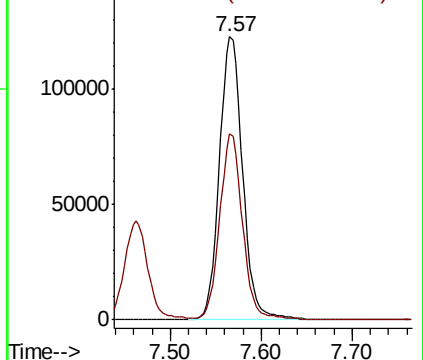


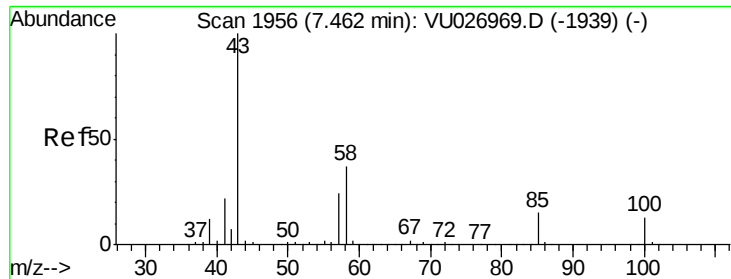
#50
Toluene-d8
Concen: 50.147 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. -0.00 min
Lab File: VU027162.D
Acq: 26 Sep 2018 05:35

Tgt Ion: 98 Resp: 217359
Ion Ratio Lower Upper
98 100
100 65.0 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VU0
Ion 100.00 (99.70 to 100.70): VU0





#51

4-Methyl-2-Pentanone

Concen: 289.193 ug/l

RT: 7.46 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VU027162.D

Acq: 26 Sep 2018 05:35

Instrument :

MSVOA_U

ClientSampled :

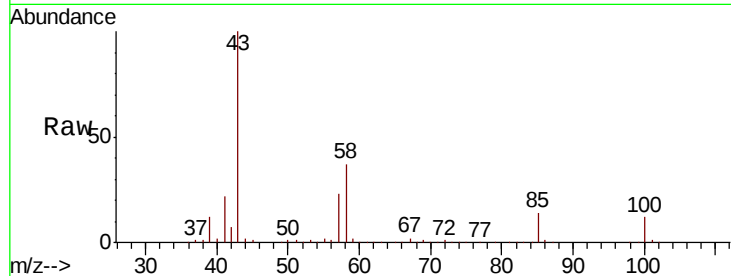
BFB

Tot Ion: 43 Resp: 672427

Ion Ratio Lower Upper

43 100

58 36.3 29.8 44.6



Abundance Ion 43.00 (42.70 to 43.70): VU027162.D (-1939) (-)

Ion 58.00 (57.70 to 58.70): VU027162.D (-1939) (-)

7.46

400000

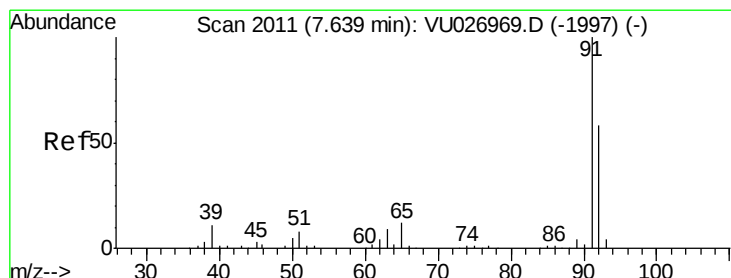
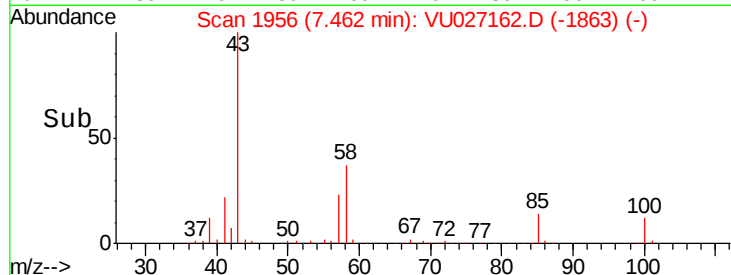
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 52.072 ug/l

RT: 7.64 min Scan# 2010

Delta R.T. -0.00 min

Lab File: VU027162.D

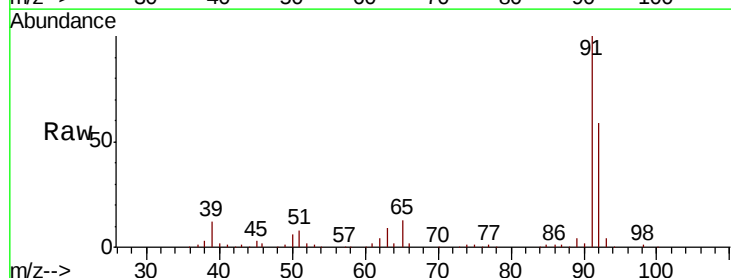
Acq: 26 Sep 2018 05:35

Tgt Ion: 92 Resp: 158892

Ion Ratio Lower Upper

92 100

91 173.5 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VU027162.D (-1918) (-)

Ion 91.00 (90.70 to 91.70): VU027162.D (-1918) (-)

7.64

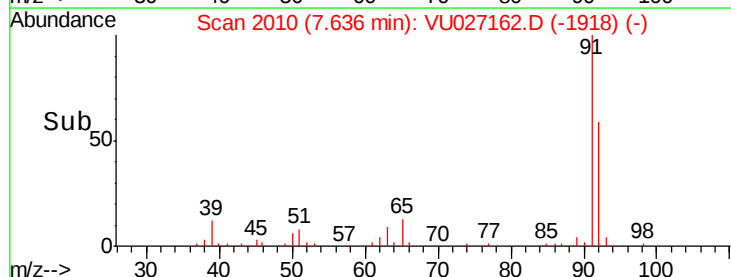
150000

100000

50000

0

Time-->

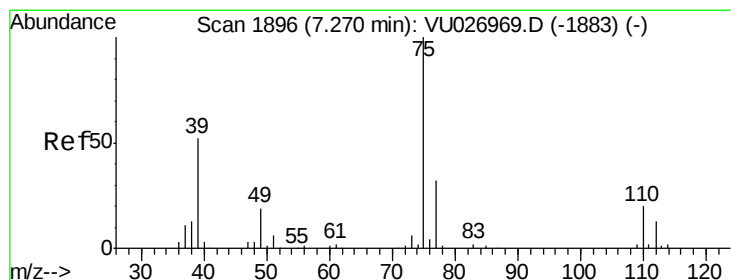
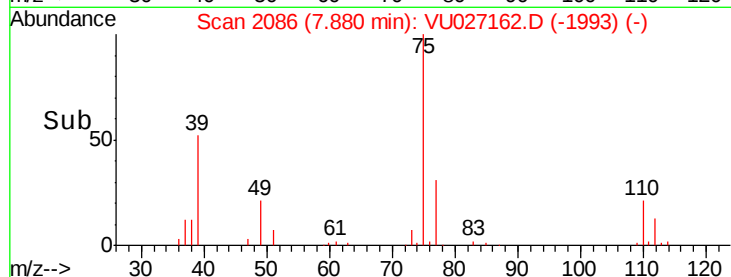
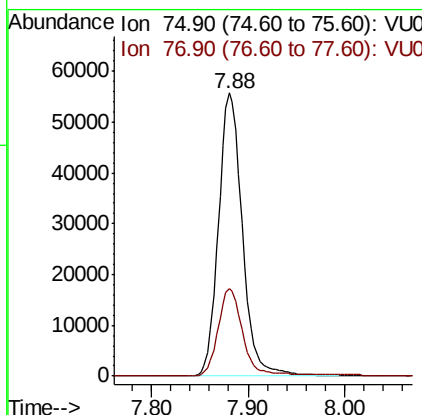
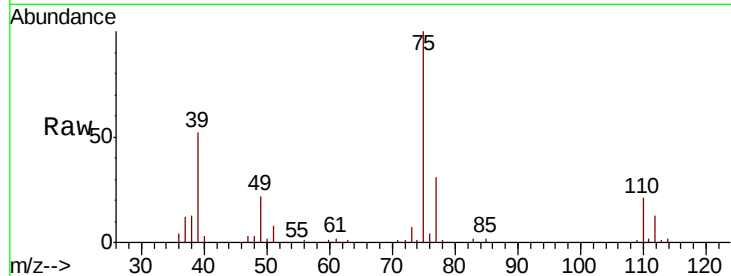




#53
t-1,3-Dichloropropene
Concen: 48.023 ug/l
RT: 7.88 min Scan# 2086
Delta R.T. 0.00 min
Lab File: VU027162.D
Acq: 26 Sep 2018 05:35

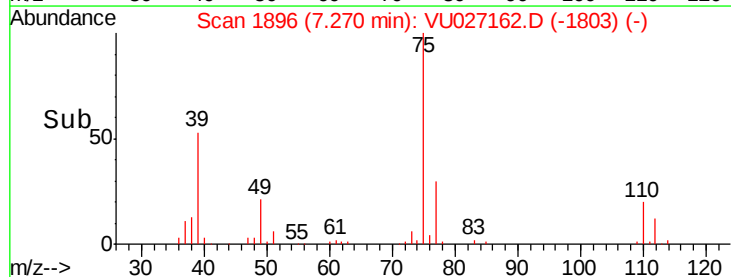
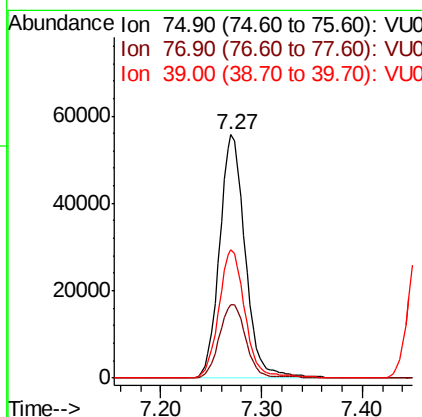
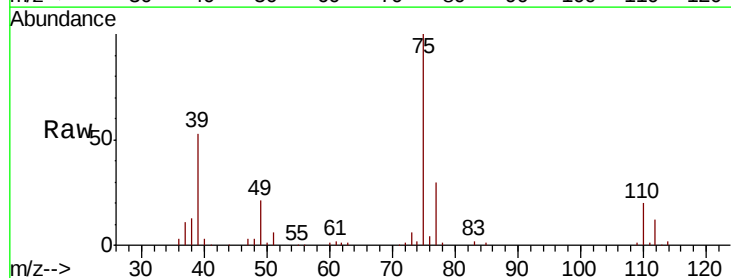
Instrument :
MSVOA_U
ClientSampled :
BFB

Tot Ion: 75 Resp: 95577
Ion Ratio Lower Upper
75 100
77 31.1 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 45.391 ug/l
RT: 7.27 min Scan# 1896
Delta R.T. 0.00 min
Lab File: VU027162.D
Acq: 26 Sep 2018 05:35

Tgt Ion: 75 Resp: 99329
Ion Ratio Lower Upper
75 100
77 30.3 25.4 38.0
39 52.8 41.6 62.4

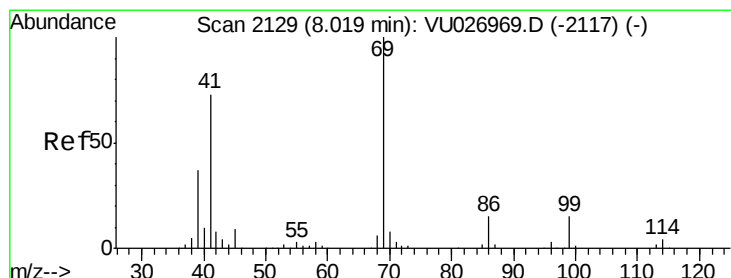
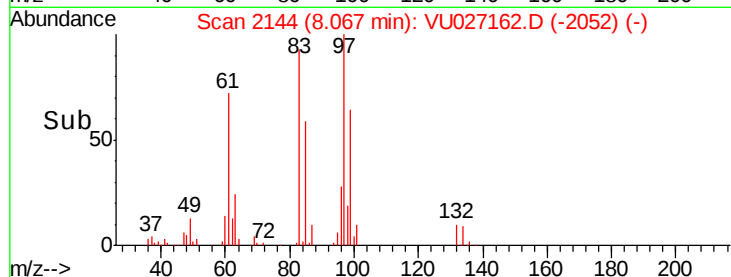
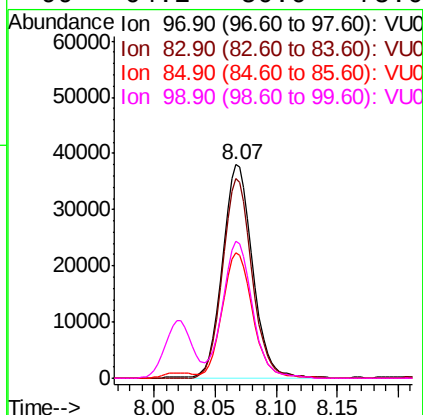
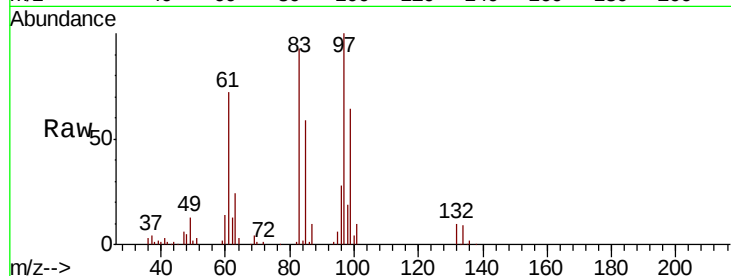




#55
 1,1,2-Trichloroethane
 Concen: 50.968 ug/l
 RT: 8.07 min Scan# 2144
 Delta R.T. -0.00 min
 Lab File: VU027162.D
 Acq: 26 Sep 2018 05:35

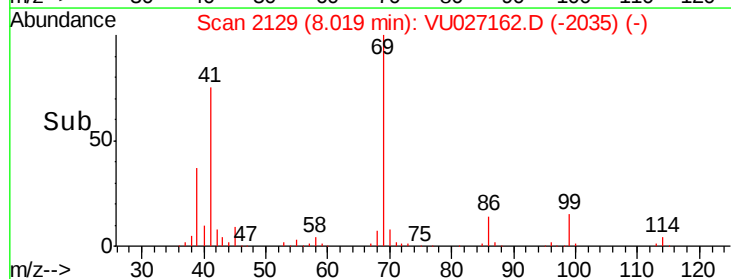
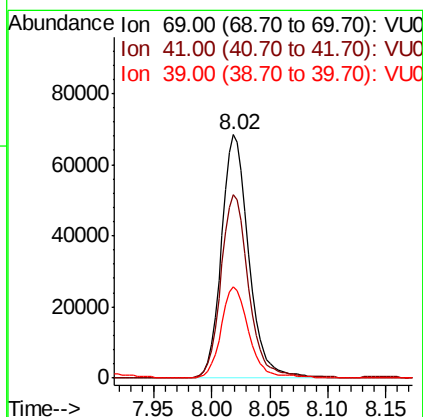
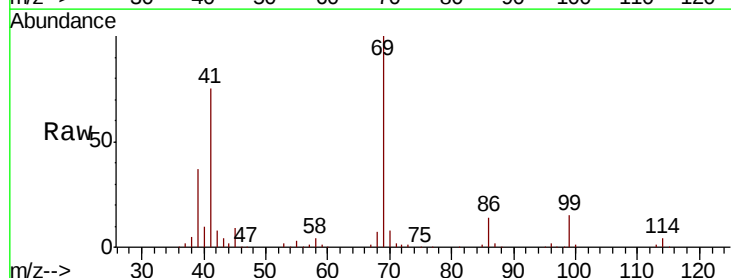
Instrument :
 MSVOA_U
 ClientSampleId :
 BFB

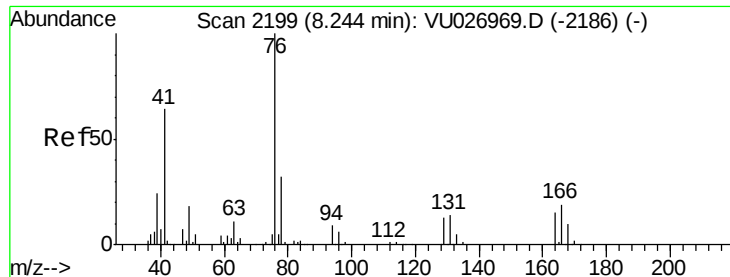
Tot Ion:	97	Resp:	65899
Ion	Ratio	Lower	Upper
97	100		
83	93.3	73.1	109.7
85	58.8	46.7	70.1
99	64.2	50.0	75.0



#56
 Ethyl methacrylate
 Concen: 49.647 ug/l
 RT: 8.02 min Scan# 2129
 Delta R.T. 0.00 min
 Lab File: VU027162.D
 Acq: 26 Sep 2018 05:35

Tgt Ion:	69	Resp:	111342
Ion	Ratio	Lower	Upper
69	100		
41	76.9	59.0	88.4
39	37.7	30.2	45.4

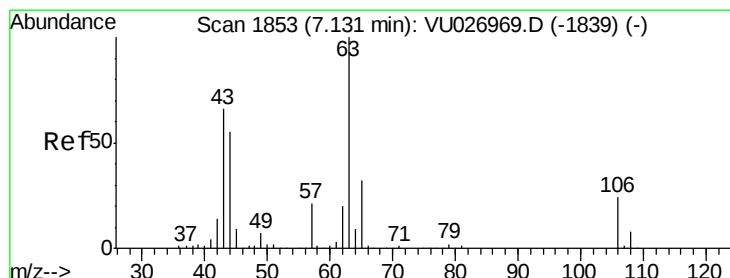
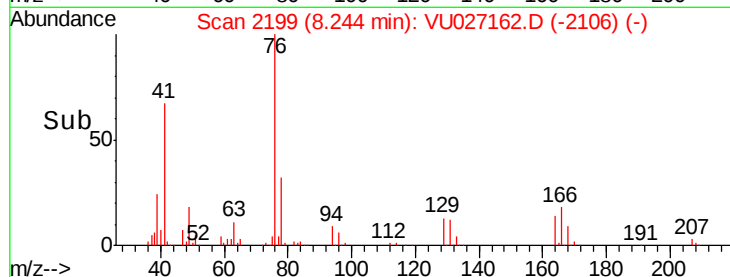
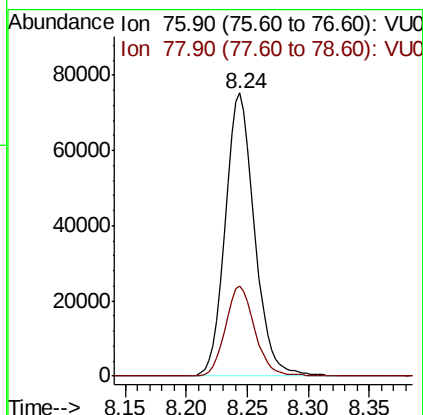
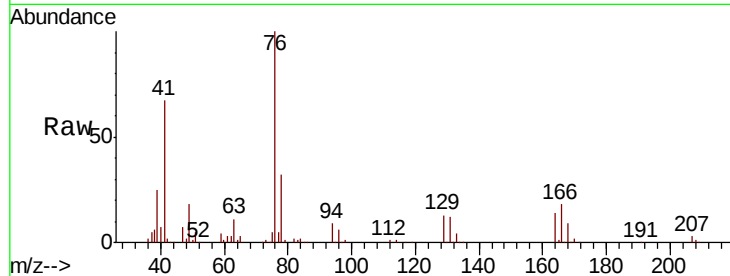




#57
 1,3-Dichloropropane
 Concen: 52.693 ug/l
 RT: 8.24 min Scan# 2199
 Delta R.T. 0.00 min
 Lab File: VU027162.D
 Acq: 26 Sep 2018 05:35

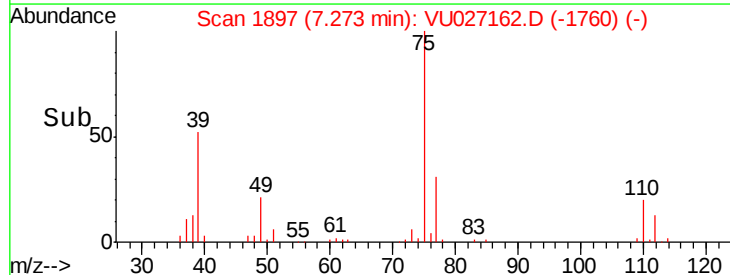
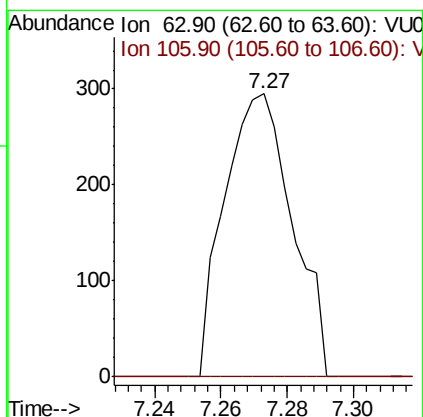
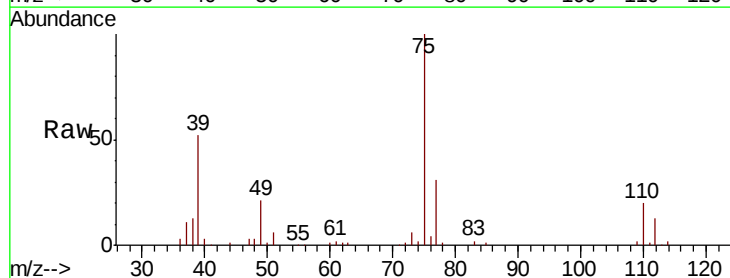
Instrument :
 MSVOA_U
 ClientSampleId :
 BFB

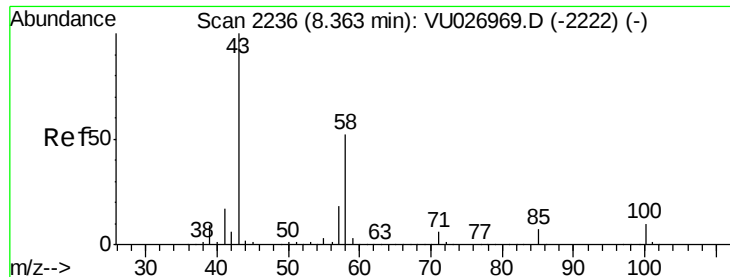
Tot Ion: 76 Resp: 126715
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 5.185 ug/l
 RT: 7.27 min Scan# 1897
 Delta R.T. 0.14 min
 Lab File: VU027162.D
 Acq: 26 Sep 2018 05:35

Tgt Ion: 63 Resp: 420
 Ion Ratio Lower Upper
 63 100
 106 0.0 18.7 28.1#

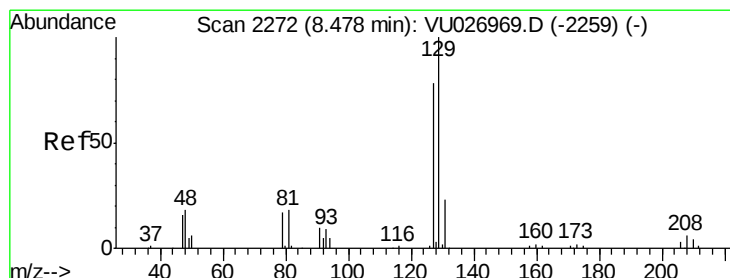
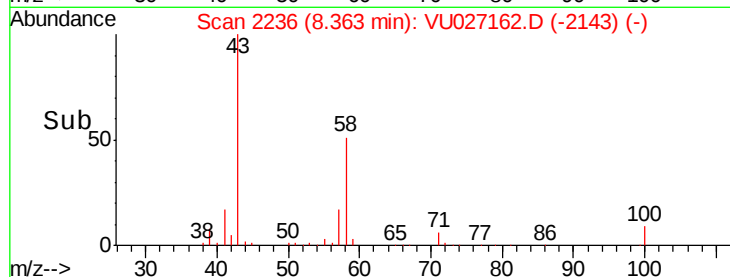
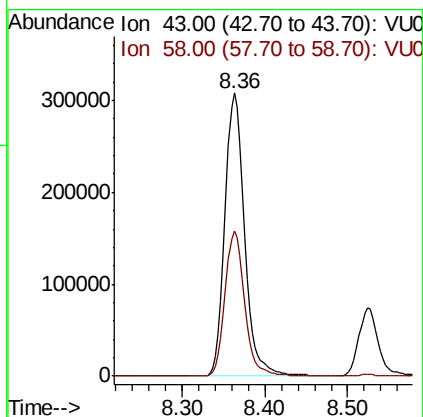
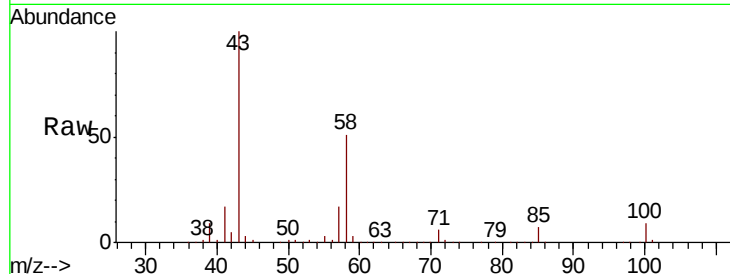




#59
2-Hexanone
Concen: 278.748 ug/l
RT: 8.36 min Scan# 2236
Delta R.T. 0.00 min
Lab File: VU027162.D
Acq: 26 Sep 2018 05:35

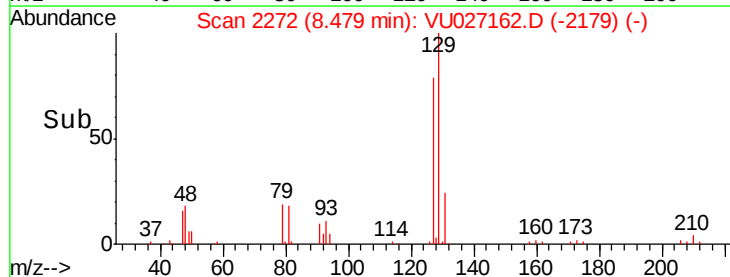
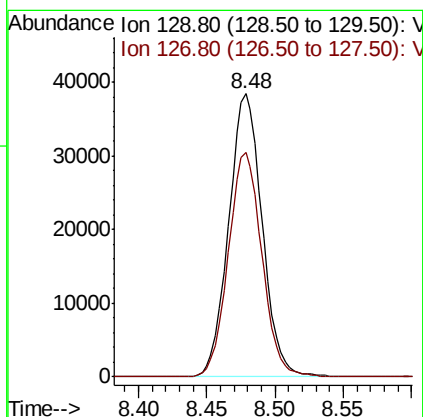
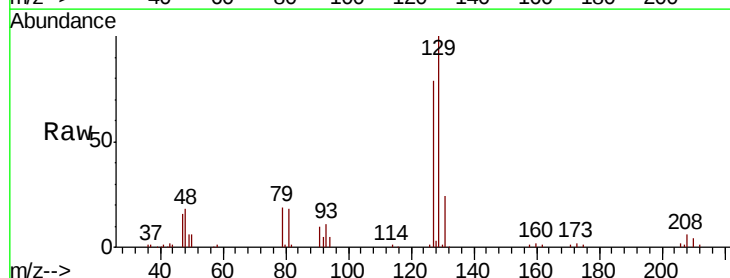
Instrument :
MSVOA_U
ClientSampled :
BFB

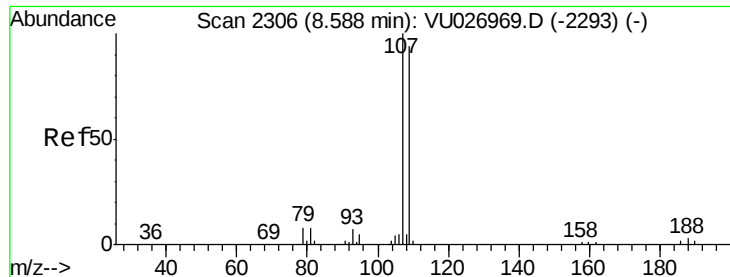
Tot Ion: 43 Resp: 507352
Ion Ratio Lower Upper
43 100
58 50.9 26.1 78.2



#60
Dibromochloromethane
Concen: 51.721 ug/l
RT: 8.48 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VU027162.D
Acq: 26 Sep 2018 05:35

Tgt Ion: 129 Resp: 65596
Ion Ratio Lower Upper
129 100
127 79.5 38.1 114.5

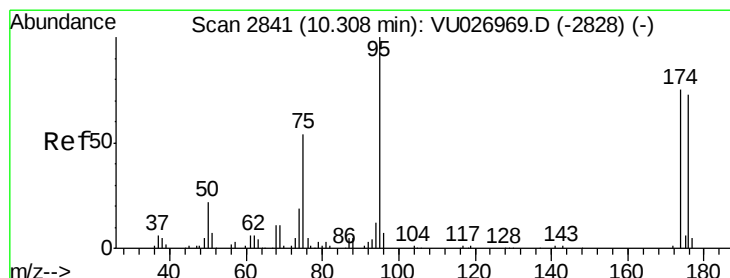
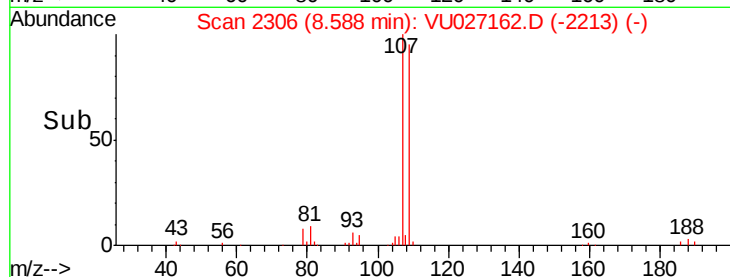
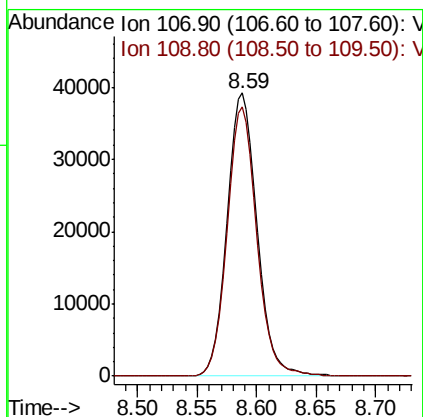
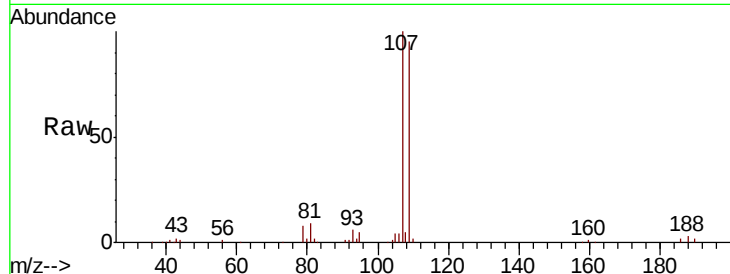




#61
 1,2-Dibromoethane
 Concen: 50.718 ug/l
 RT: 8.59 min Scan# 2306
 Delta R.T. 0.00 min
 Lab File: VU027162.D
 Acq: 26 Sep 2018 05:35

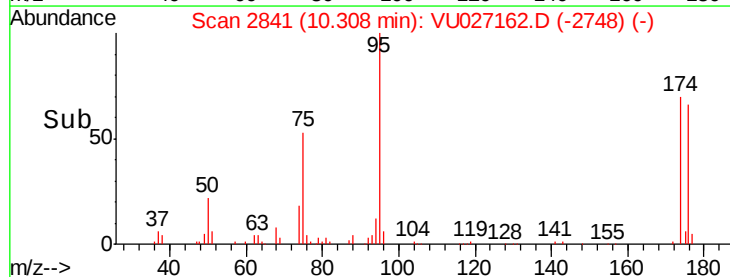
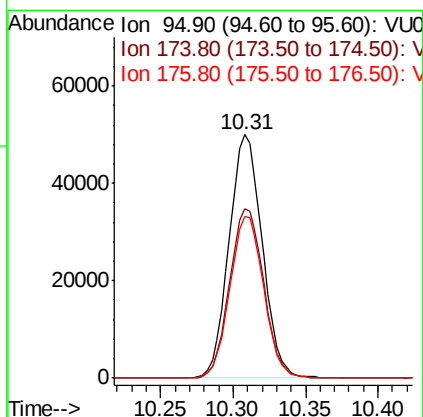
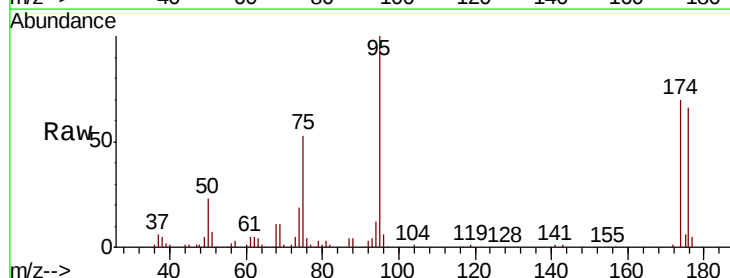
Instrument :
 MSVOA_U
 ClientSampleId :
 BFB

Tot Ion: 107 Resp: 68230
 Ion Ratio Lower Upper
 107 100
 109 94.1 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 53.454 ug/l
 RT: 10.31 min Scan# 2841
 Delta R.T. 0.00 min
 Lab File: VU027162.D
 Acq: 26 Sep 2018 05:35

Tgt Ion: 95 Resp: 79501
 Ion Ratio Lower Upper
 95 100
 174 71.3 0.0 150.2
 176 67.6 0.0 145.2

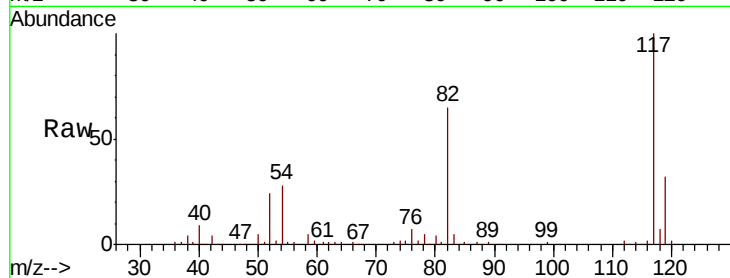




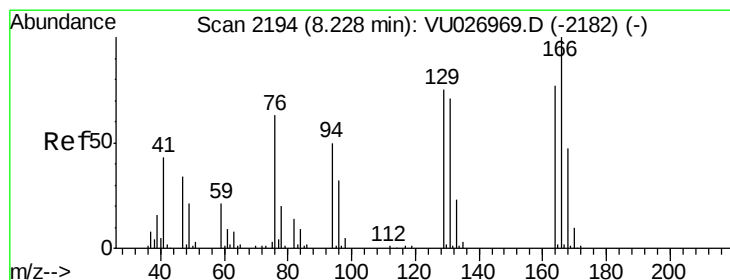
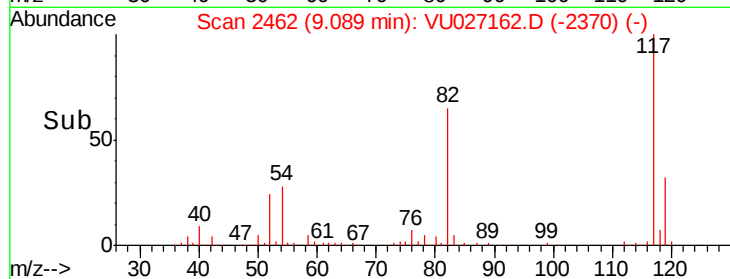
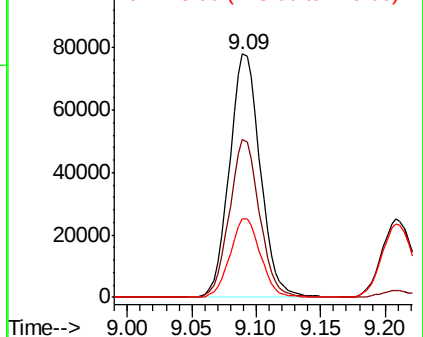
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU027162.D
Acq: 26 Sep 2018 05:35

Instrument :
MSVOA_U
ClientSampled :
BFB

Tot Ion:117 Resp: 129105
Ion Ratio Lower Upper
117 100
82 64.6 48.0 72.0
119 32.1 25.8 38.8



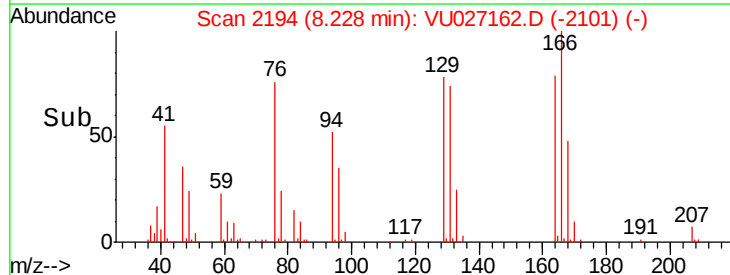
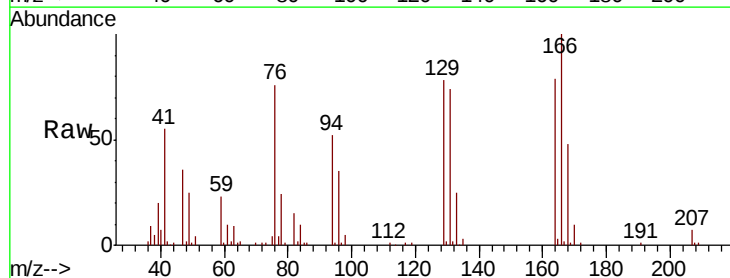
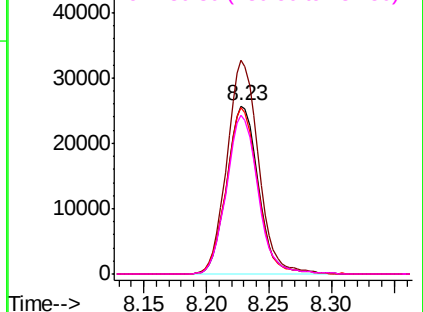
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

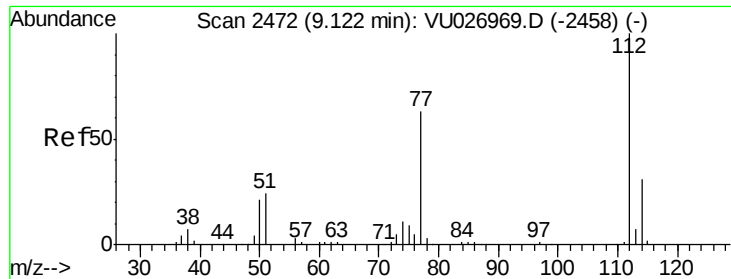


#64
Tetrachloroethene
Concen: 45.142 ug/l
RT: 8.23 min Scan# 2194
Delta R.T. 0.00 min
Lab File: VU027162.D
Acq: 26 Sep 2018 05:35

Tgt Ion:164 Resp: 44909
Ion Ratio Lower Upper
164 100
166 127.2 104.4 156.6
129 99.4 78.7 118.1
131 94.2 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

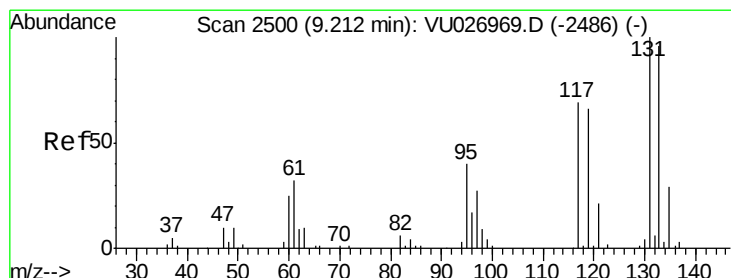
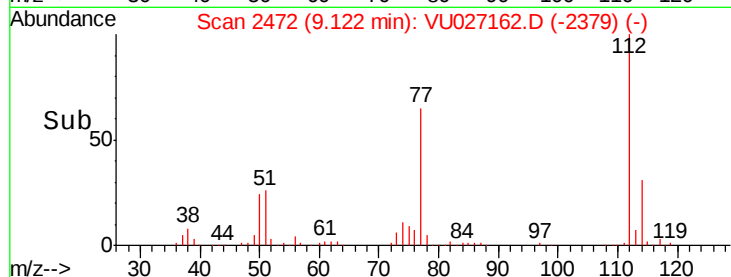
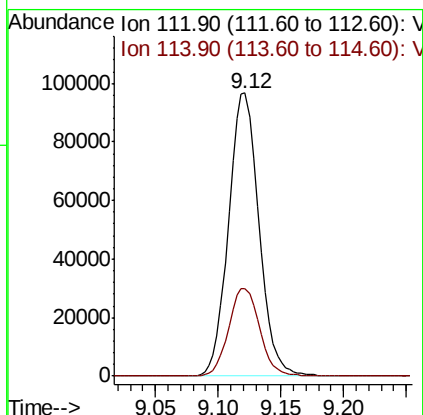
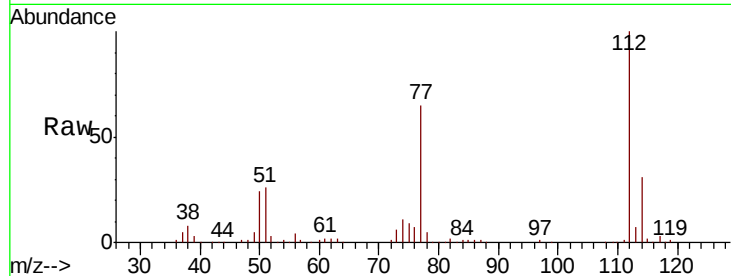




#65
Chlorobenzene
Concen: 47.652 ug/l
RT: 9.12 min Scan# 2472
Delta R.T. 0.00 min
Lab File: VU027162.D
Acq: 26 Sep 2018 05:35

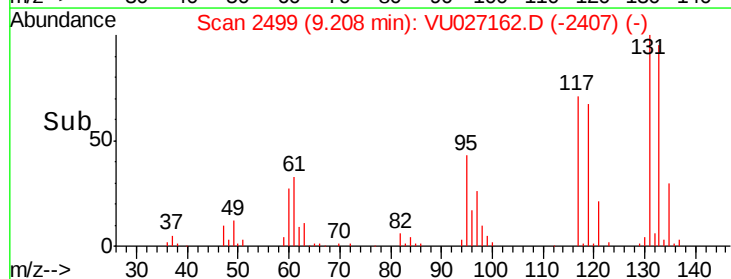
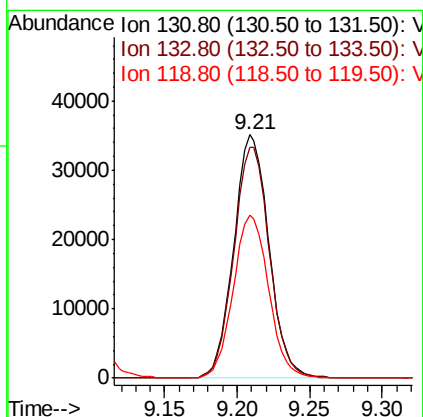
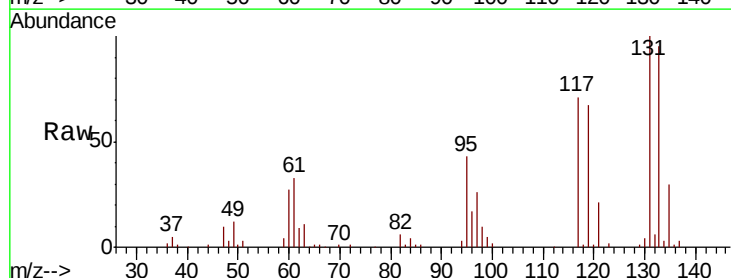
Instrument :
MSVOA_U
ClientSampled :
BFB

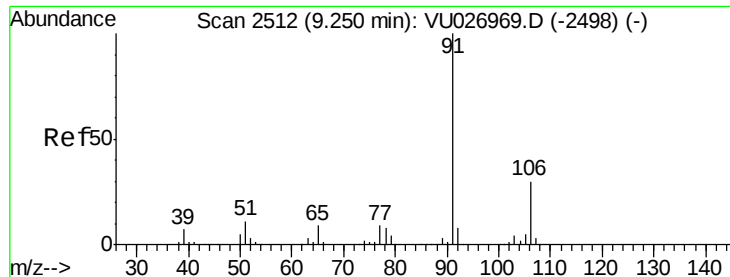
Tot Ion:112 Resp: 163125
Ion Ratio Lower Upper
112 100
114 31.1 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 50.335 ug/l
RT: 9.21 min Scan# 2499
Delta R.T. -0.00 min
Lab File: VU027162.D
Acq: 26 Sep 2018 05:35

Tgt Ion:131 Resp: 59349
Ion Ratio Lower Upper
131 100
133 96.1 48.0 144.2
119 67.2 33.4 100.1

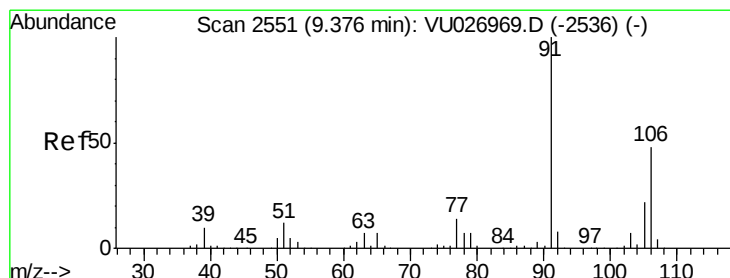
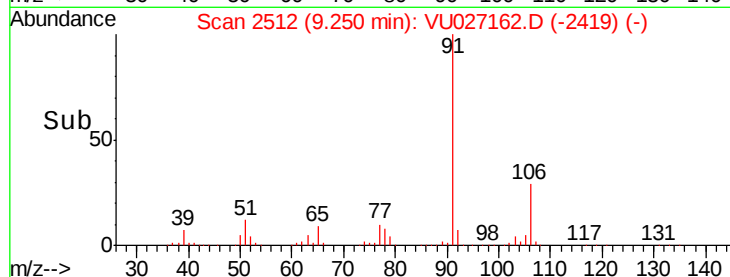
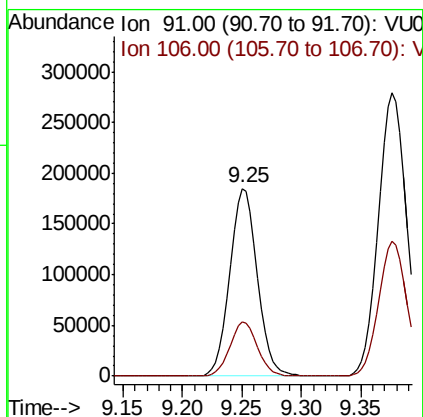
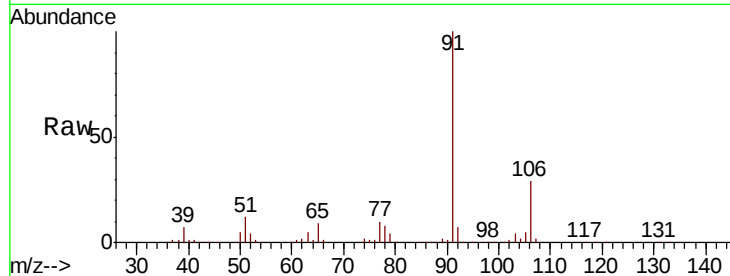




#67
Ethyl Benzene
Concen: 52.676 ug/l
RT: 9.25 min Scan# 2512
Delta R.T. 0.00 min
Lab File: VU027162.D
Acq: 26 Sep 2018 05:35

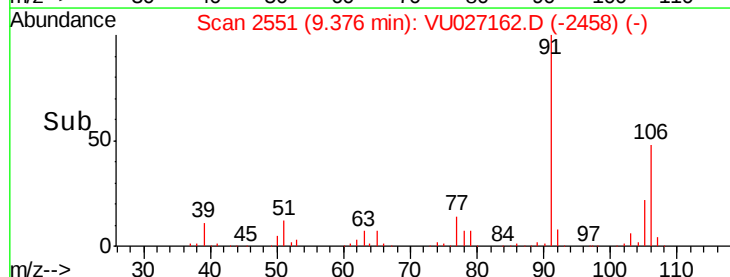
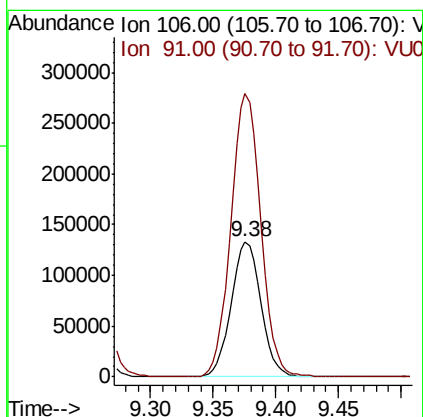
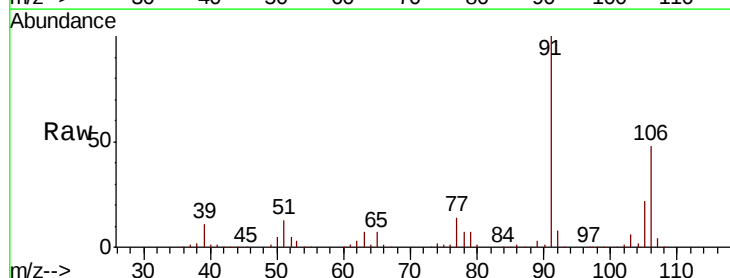
Instrument :
MSVOA_U
ClientSampleId :
BFB

Tot Ion: 91 Resp: 296518
Ion Ratio Lower Upper
91 100
106 29.0 23.8 35.8



#68
m/p-Xylenes
Concen: 96.292 ug/l
RT: 9.38 min Scan# 2551
Delta R.T. 0.00 min
Lab File: VU027162.D
Acq: 26 Sep 2018 05:35

Tgt Ion: 106 Resp: 219389
Ion Ratio Lower Upper
106 100
91 210.0 166.5 249.7

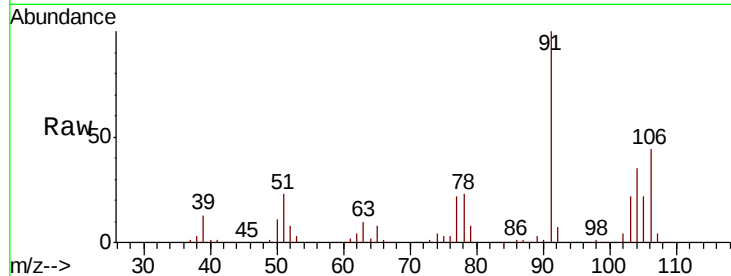




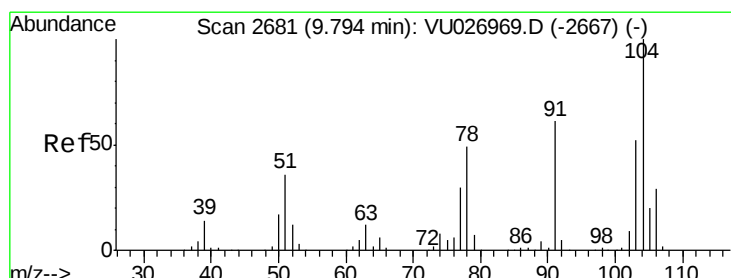
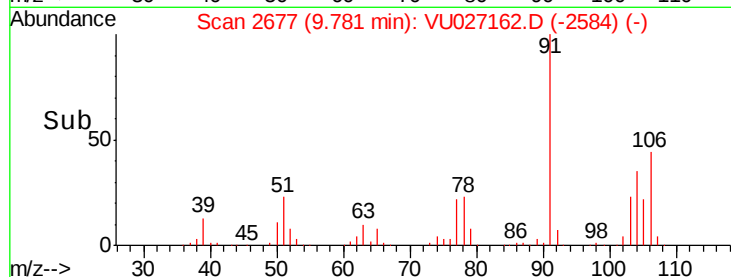
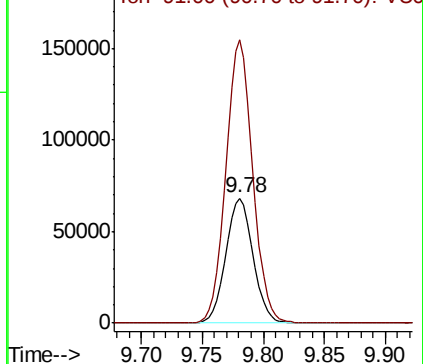
#69
o-Xylene
Concen: 53.578 ug/l
RT: 9.78 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VU027162.D
Acq: 26 Sep 2018 05:35

Instrument :
MSVOA_U
ClientSampled :
BFB

Tot Ion:106 Resp: 106859
Ion Ratio Lower Upper
106 100
91 223.2 110.2 330.6

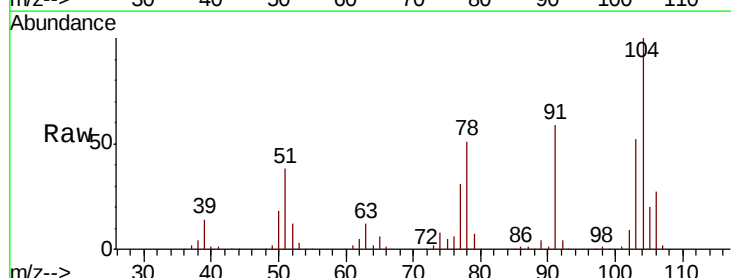


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

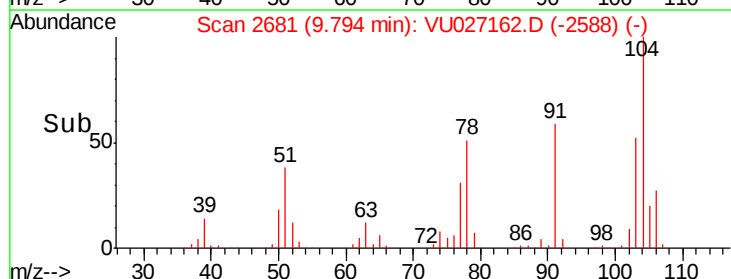
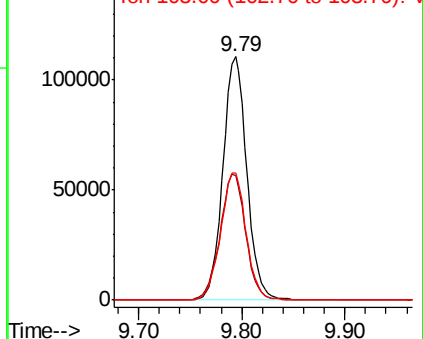


#70
Styrene
Concen: 48.032 ug/l
RT: 9.79 min Scan# 2681
Delta R.T. 0.00 min
Lab File: VU027162.D
Acq: 26 Sep 2018 05:35

Tgt Ion:104 Resp: 178595
Ion Ratio Lower Upper
104 100
78 55.4 43.0 64.4
103 55.4 44.1 66.1



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

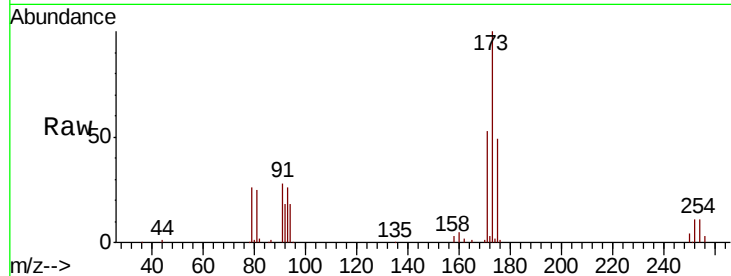




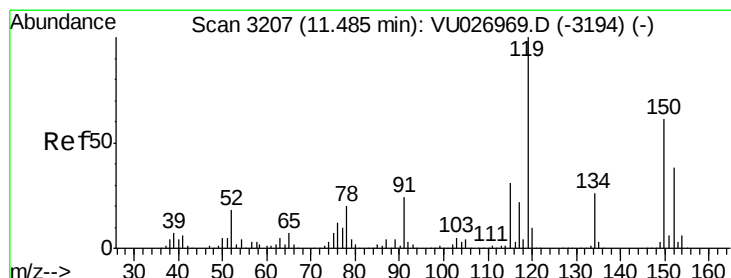
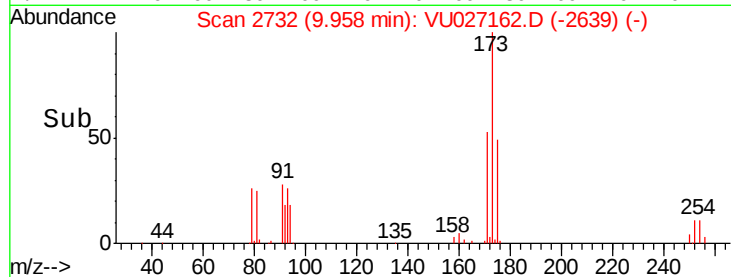
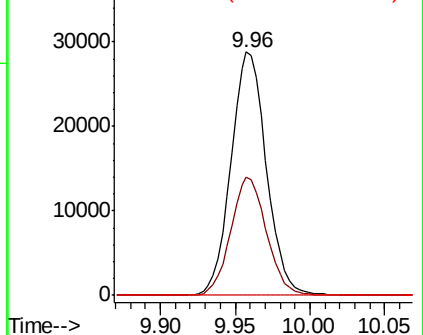
#71
Bromoform
Concen: 51.836 ug/l
RT: 9.96 min Scan# 2732
Delta R.T. 0.00 min
Lab File: VU027162.D
Acq: 26 Sep 2018 05:35

Instrument :
MSVOA_U
ClientSampleId :
BFB

Tot Ion:173 Resp: 47264
Ion Ratio Lower Upper
173 100
175 48.9 23.9 71.8
254 0.0 0.0 0.0

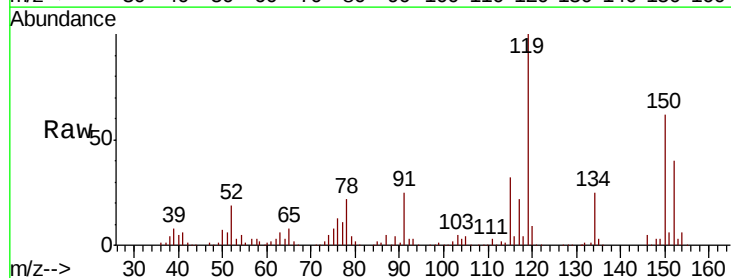


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

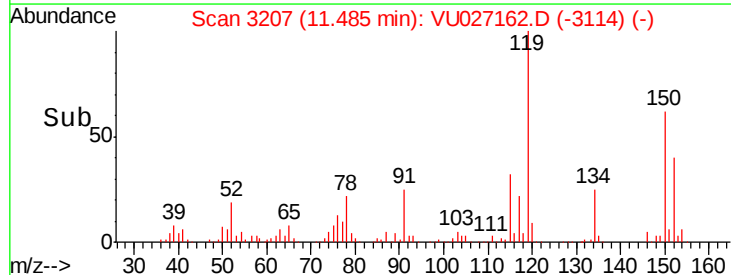
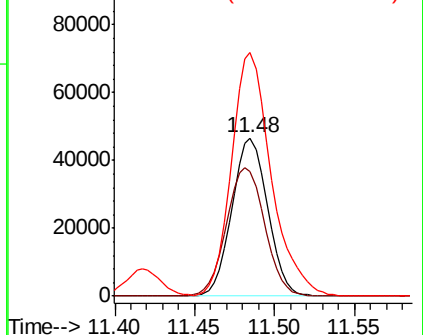


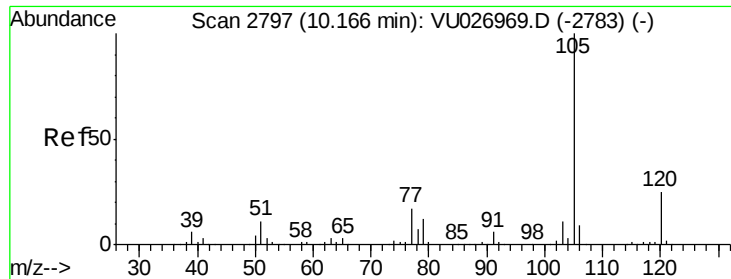
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3207
Delta R.T. 0.00 min
Lab File: VU027162.D
Acq: 26 Sep 2018 05:35

Tgt Ion:152 Resp: 70939
Ion Ratio Lower Upper
152 100
115 87.0 44.9 134.5
150 170.9 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: 53.182 ug/l

RT: 10.17 min Scan# 2797

Delta R.T. 0.00 min

Lab File: VU027162.D

Acq: 26 Sep 2018 05:35

Instrument :

MSVOA_U

ClientSampleId :

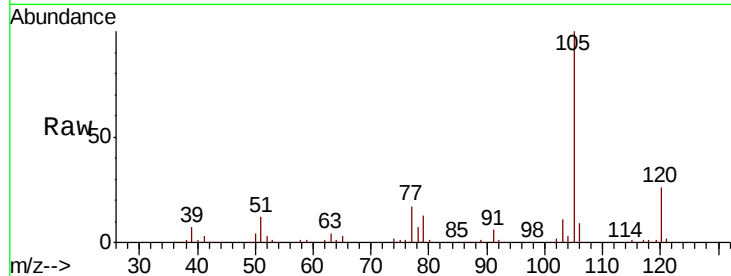
BFB

Tot Ion:105 Resp: 286983

Ion Ratio Lower Upper

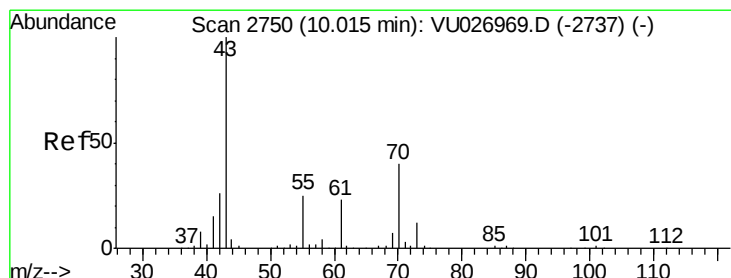
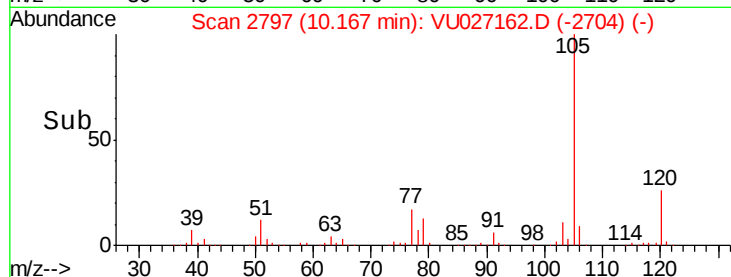
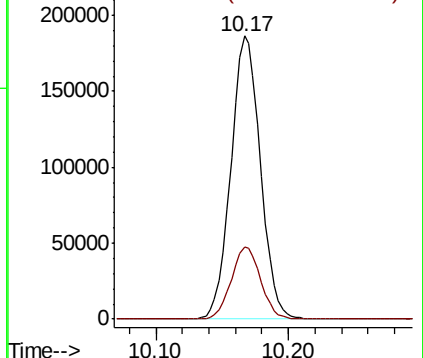
105 100

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



#74

N-ethyl acetate

Concen: 37.703 ug/l

RT: 10.02 min Scan# 2750

Delta R.T. 0.00 min

Lab File: VU027162.D

Acq: 26 Sep 2018 05:35

Tgt Ion: 43 Resp: 117769

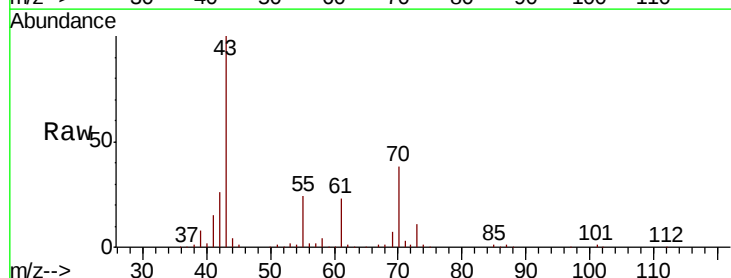
Ion Ratio Lower Upper

43 100

70 37.6 31.8 47.8

55 24.5 19.9 29.9

61 22.7 18.4 27.6

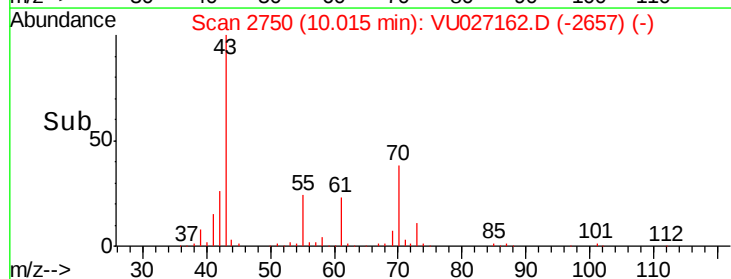
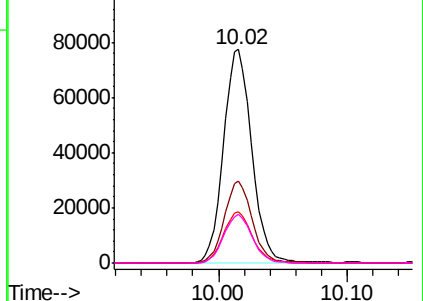


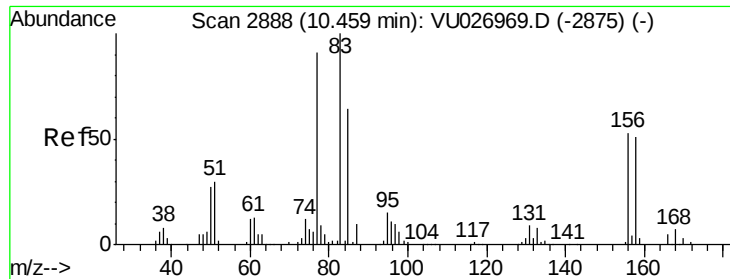
Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 70.00 (69.70 to 70.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 61.00 (60.70 to 61.70): VU0





#75

1,1,2,2-Tetrachloroethane

Concen: 47.481 ug/l

RT: 10.46 min Scan# 2888

Delta R.T. 0.00 min

Lab File: VU027162.D

Acq: 26 Sep 2018 05:35

Instrument :

MSVOA_U

ClientSampled :

BFB

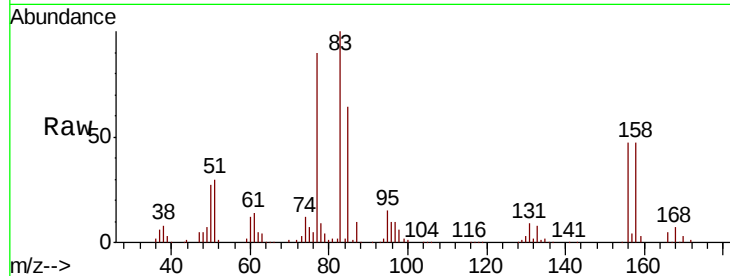
Tot Ion: 83 Resp: 117804

Ion Ratio Lower Upper

83 100

131 8.7 4.3 12.8

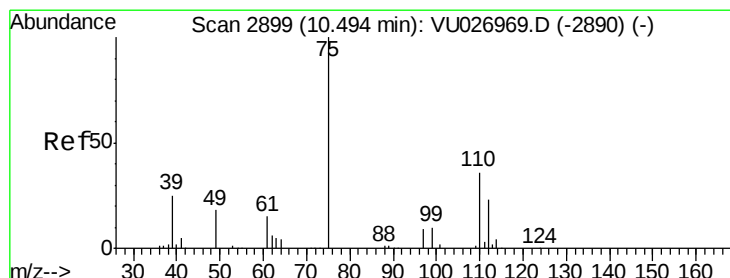
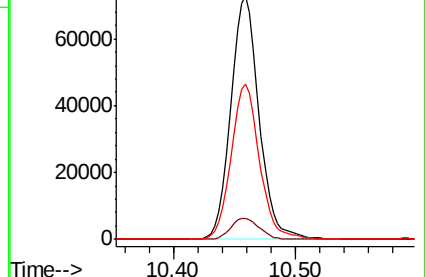
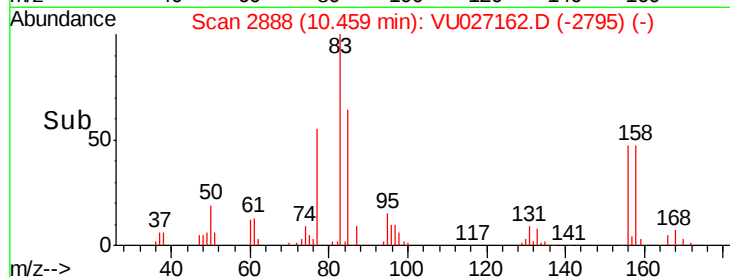
85 64.2 31.9 95.7



Abundance Ion 82.90 (82.60 to 83.60): VU027162.D (-2795) (-)

Ion 130.80 (130.50 to 131.50): VU027162.D (-2795) (-)

Ion 84.90 (84.60 to 85.60): VU027162.D (-2795) (-)



#76

1,2,3-Trichloropropane

Concen: 59.645 ug/l

RT: 10.49 min Scan# 2899

Delta R.T. 0.00 min

Lab File: VU027162.D

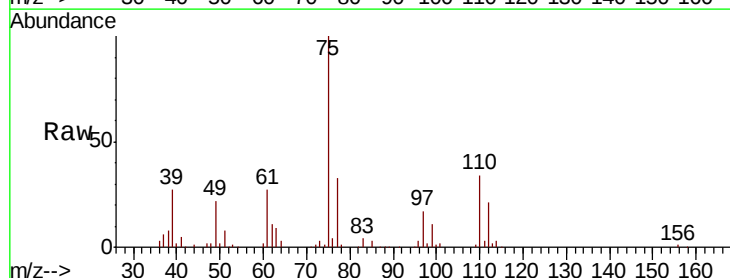
Acq: 26 Sep 2018 05:35

Tgt Ion: 75 Resp: 128541

Ion Ratio Lower Upper

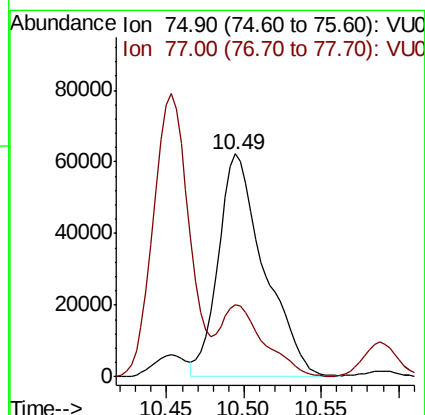
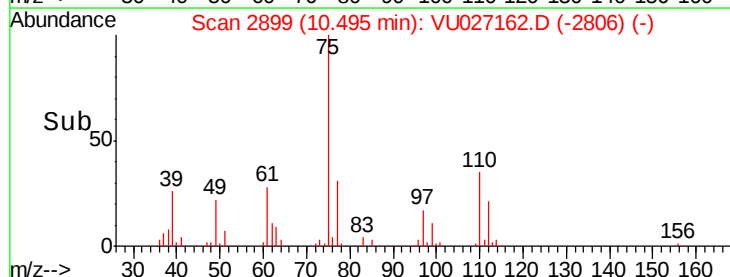
75 100

77 29.5 20.9 62.8



Abundance Ion 74.90 (74.60 to 75.60): VU027162.D (-2806) (-)

Ion 77.00 (76.70 to 77.70): VU027162.D (-2806) (-)





#77

Bromobenzene

Concen: 49.130 ug/l

RT: 10.45 min Scan# 2886

Delta R.T. 0.00 min

Lab File: VU027162.D

Acq: 26 Sep 2018 05:35

Instrument :

MSVOA_U

ClientSampleId :

BFB

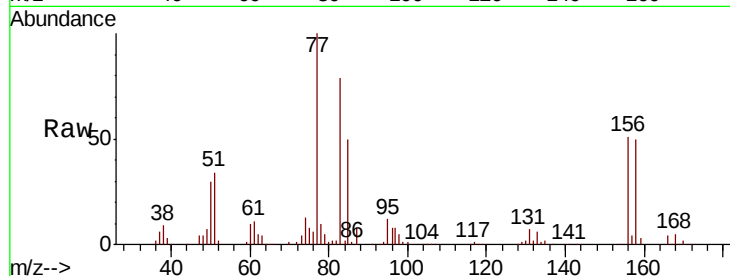
Tot Ion:156 Resp: 64786

Ion Ratio Lower Upper

156 100

77 196.8 92.3 276.9

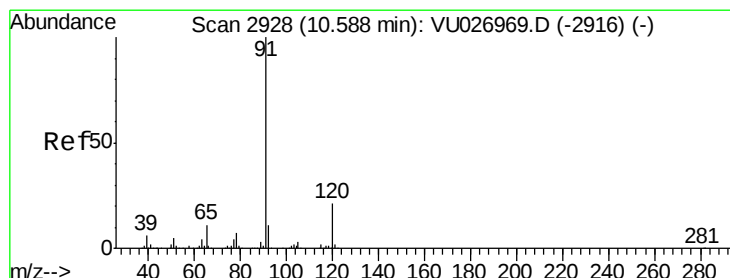
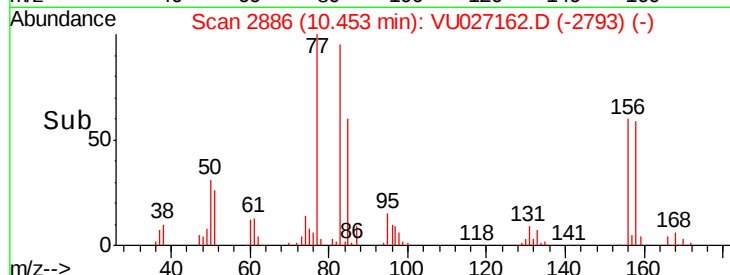
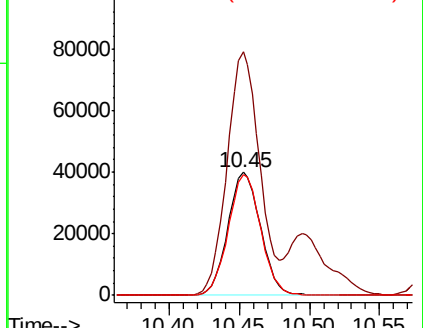
158 97.7 48.1 144.3



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: 54.030 ug/l

RT: 10.59 min Scan# 2928

Delta R.T. 0.00 min

Lab File: VU027162.D

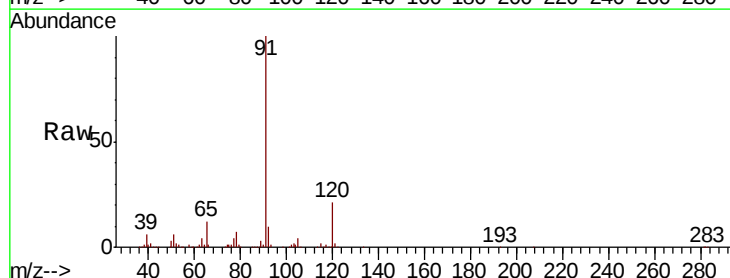
Acq: 26 Sep 2018 05:35

Tgt Ion: 91 Resp: 344984

Ion Ratio Lower Upper

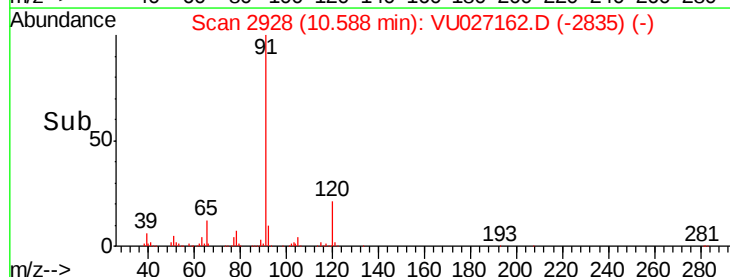
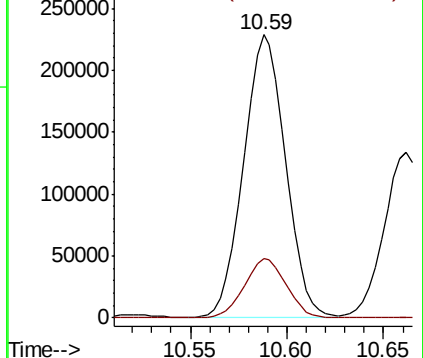
91 100

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

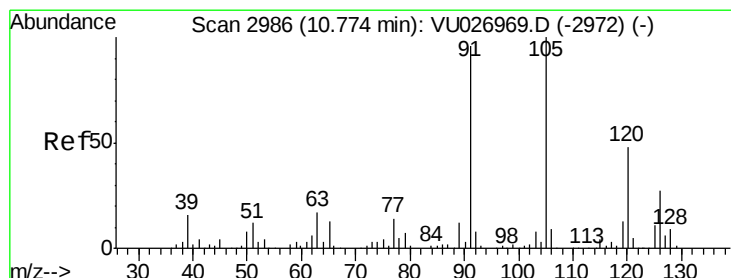
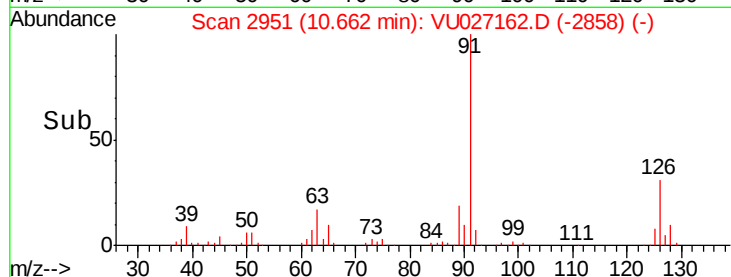
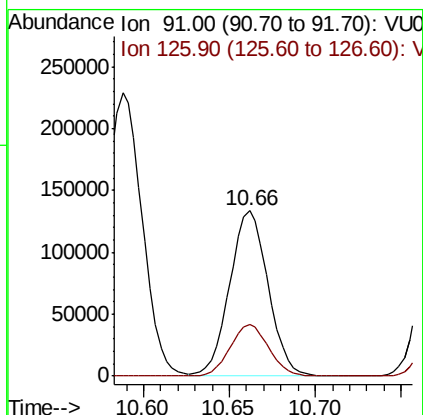
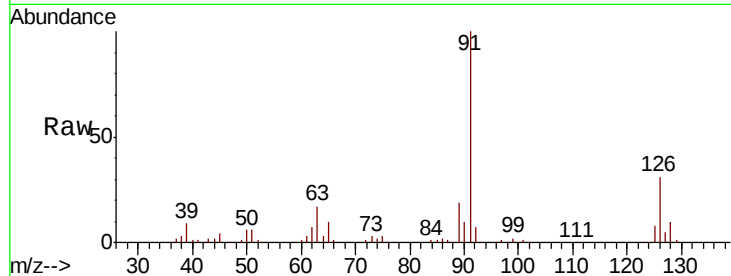




#79
 2-Chlorotoluene
 Concen: 51.457 ug/l
 RT: 10.66 min Scan# 2951
 Delta R.T. 0.00 min
 Lab File: VU027162.D
 Acq: 26 Sep 2018 05:35

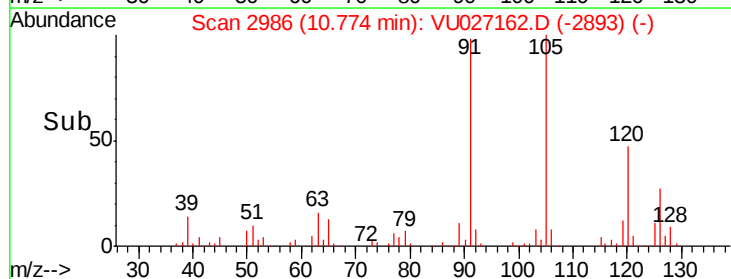
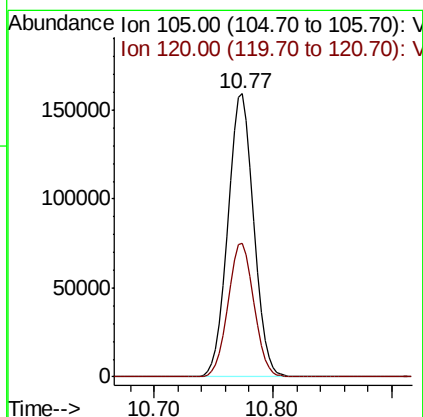
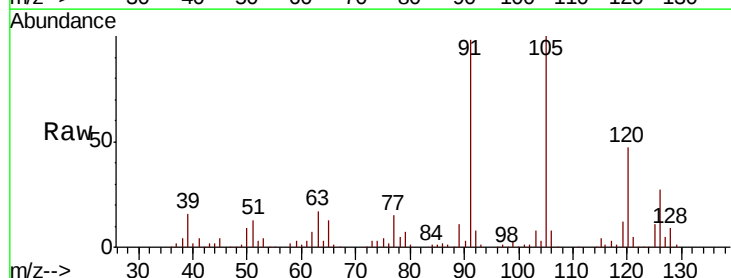
Instrument :
 MSVOA_U
 ClientSampled :
 BFB

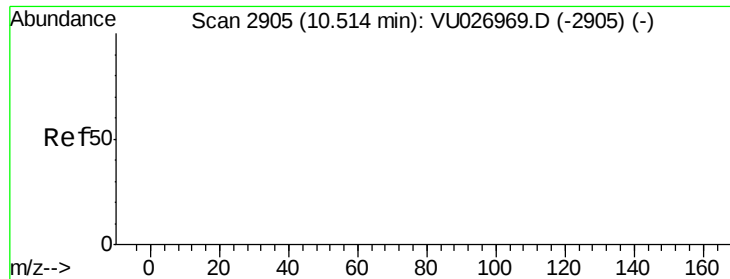
Tot Ion: 91 Resp: 206374
 Ion Ratio Lower Upper
 91 100
 126 31.4 15.8 47.3



#80
 1,3,5-Trimethylbenzene
 Concen: 53.747 ug/l
 RT: 10.77 min Scan# 2986
 Delta R.T. 0.00 min
 Lab File: VU027162.D
 Acq: 26 Sep 2018 05:35

Tgt Ion: 105 Resp: 239414
 Ion Ratio Lower Upper
 105 100
 120 47.4 23.9 71.7





#81

trans-1,4-Dichloro-2-butene

Concen: 190.874 ug/l

RT: 10.49 min Scan# 2899

Delta R.T. -0.02 min

Lab File: VU027162.D

Acq: 26 Sep 2018 05:35

Instrument :

MSVOA_U

ClientSampleId :

BFB

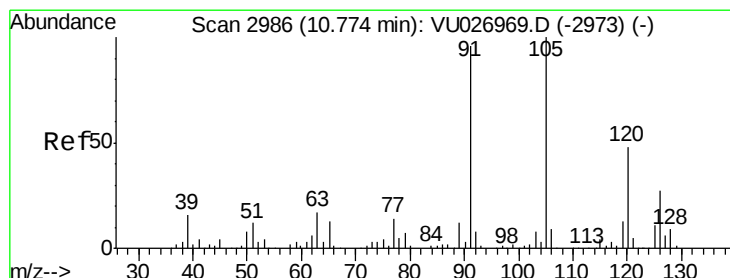
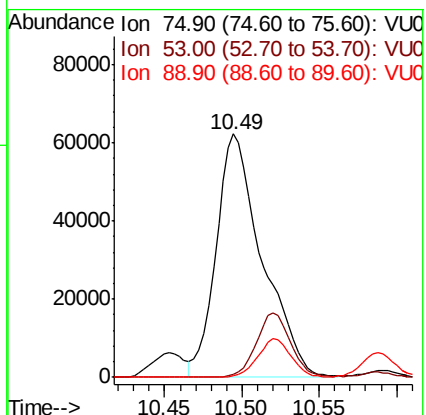
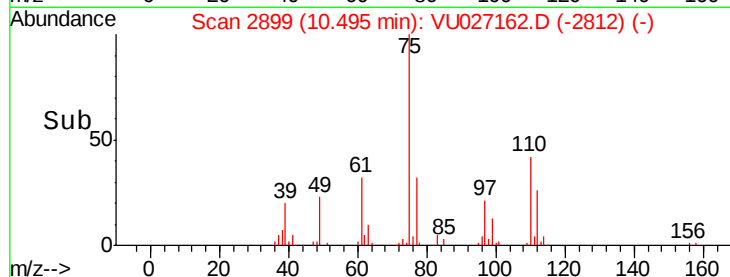
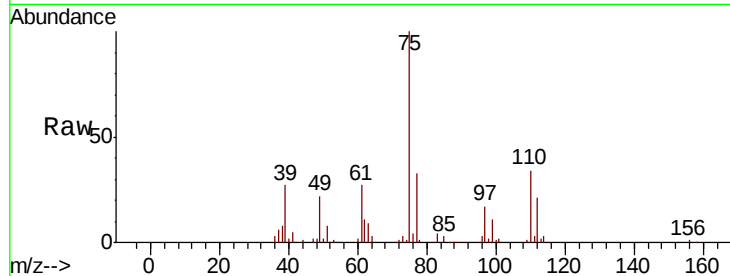
Tot Ion: 75 Resp: 128541

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

89 0.0 0.0 0.0



#82

4-Chlorotoluene

Concen: 52.913 ug/l

RT: 10.77 min Scan# 2986

Delta R.T. 0.00 min

Lab File: VU027162.D

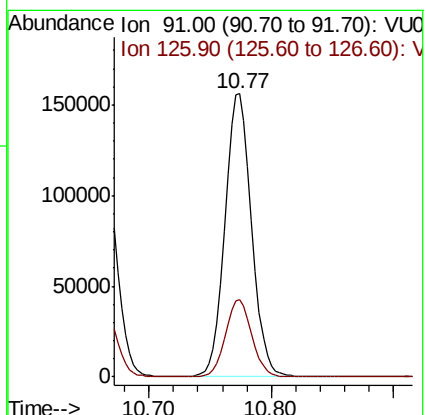
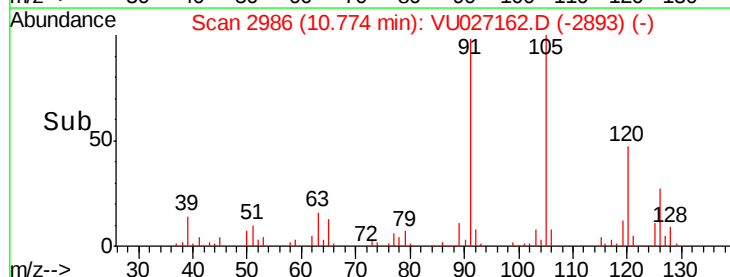
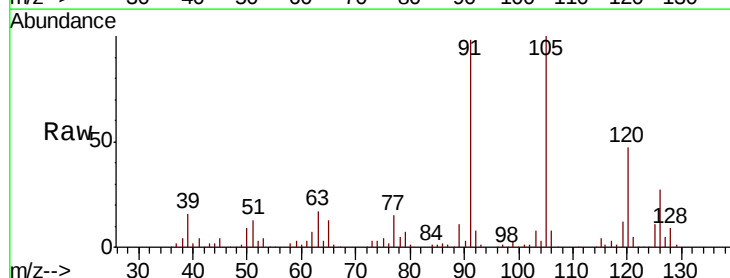
Acq: 26 Sep 2018 05:35

Tgt Ion: 91 Resp: 237951

Ion Ratio Lower Upper

91 100

126 27.2 14.1 42.2





#83

tert-Butylbenzene

Concen: 52.266 ug/l

RT: 11.10 min Scan# 3088

Delta R.T. 0.00 min

Lab File: VU027162.D

Acq: 26 Sep 2018 05:35

Instrument :

MSVOA_U

ClientSampleId :

BFB

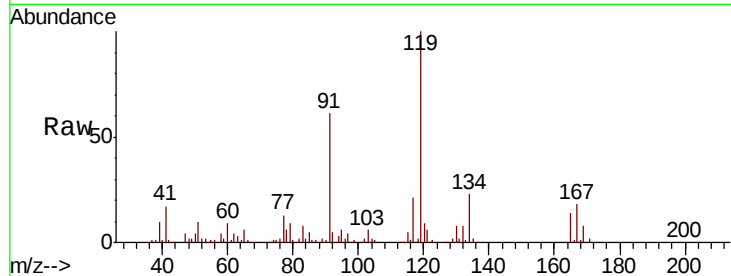
Tot Ion:119 Resp: 230179

Ion Ratio Lower Upper

119 100

91 61.5 29.8 89.4

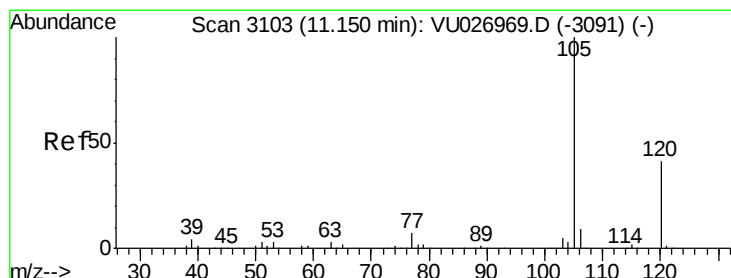
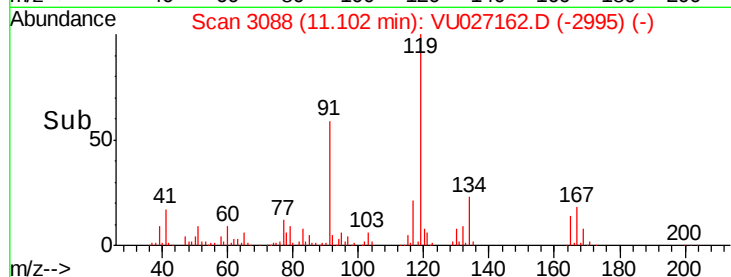
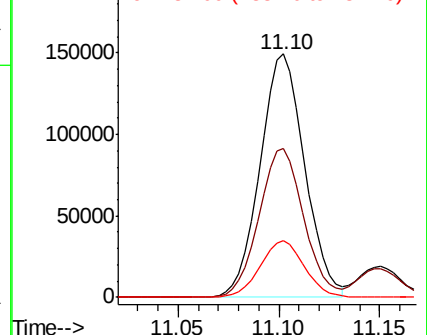
134 23.1 11.5 34.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 54.172 ug/l

RT: 11.15 min Scan# 3103

Delta R.T. 0.00 min

Lab File: VU027162.D

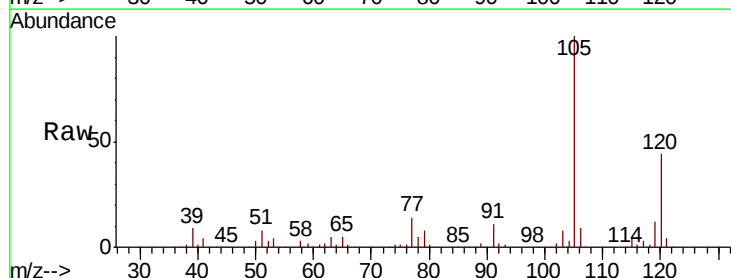
Acq: 26 Sep 2018 05:35

Tgt Ion:105 Resp: 245577

Ion Ratio Lower Upper

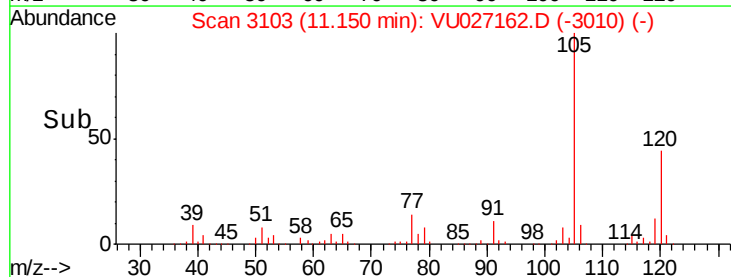
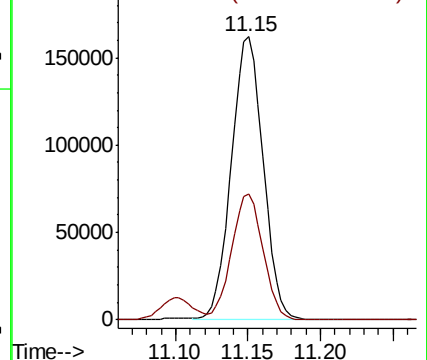
105 100

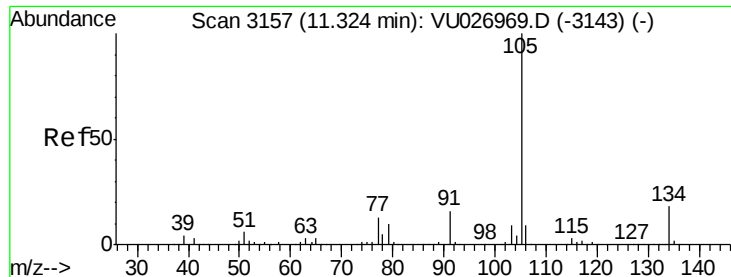
120 44.2 22.4 67.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

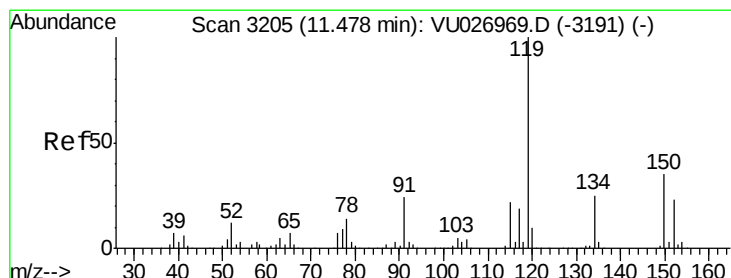
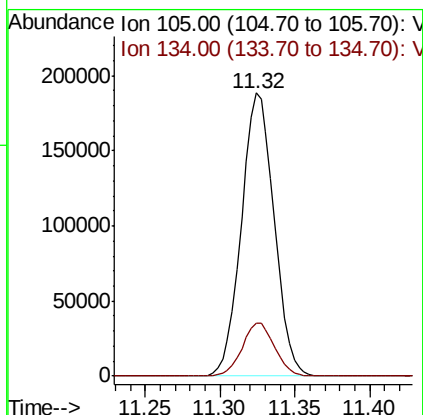
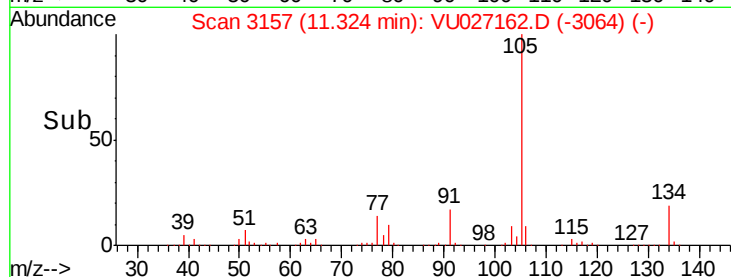
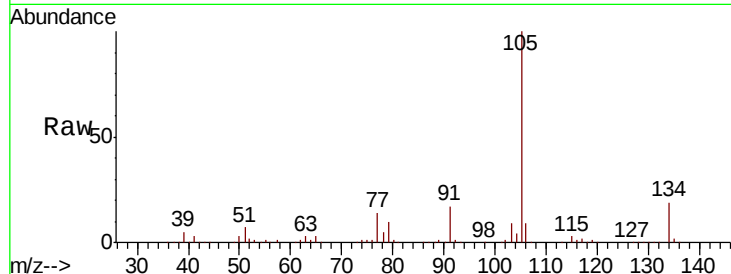




#85
 sec-Butylbenzene
 Concen: 53.431 ug/l
 RT: 11.32 min Scan# 3157
 Delta R.T. 0.00 min
 Lab File: VU027162.D
 Acq: 26 Sep 2018 05:35

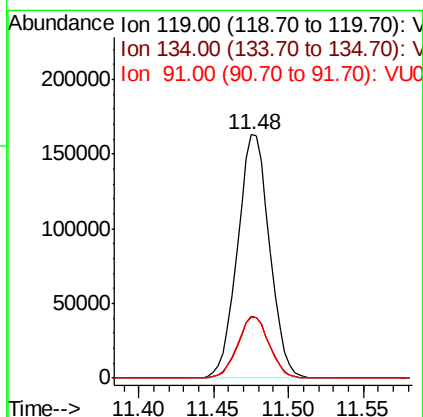
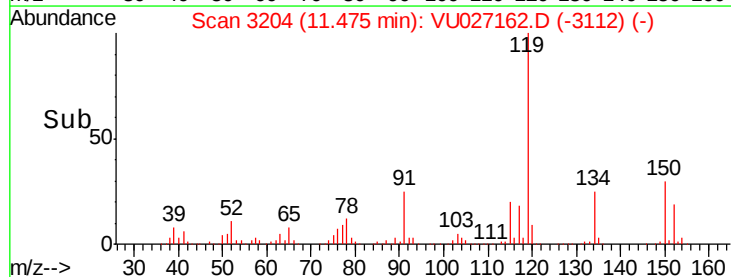
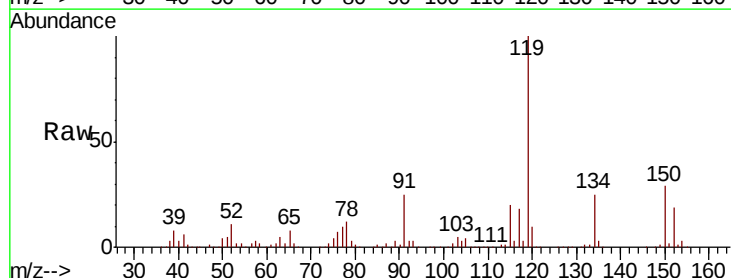
Instrument :
 MSVOA_U
 ClientSampleId :
 BFB

Tot Ion:105 Resp: 287242
 Ion Ratio Lower Upper
 105 100
 134 18.6 9.4 28.2



#86
 p-Isopropyltoluene
 Concen: 48.023 ug/l
 RT: 11.48 min Scan# 3204
 Delta R.T. -0.00 min
 Lab File: VU027162.D
 Acq: 26 Sep 2018 05:35

Tgt Ion:119 Resp: 242057
 Ion Ratio Lower Upper
 119 100
 134 25.0 12.8 38.3
 91 25.2 12.3 36.8

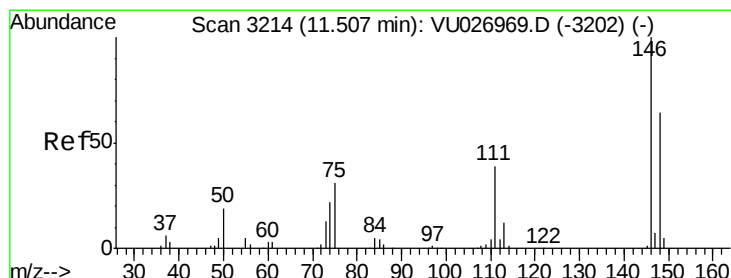
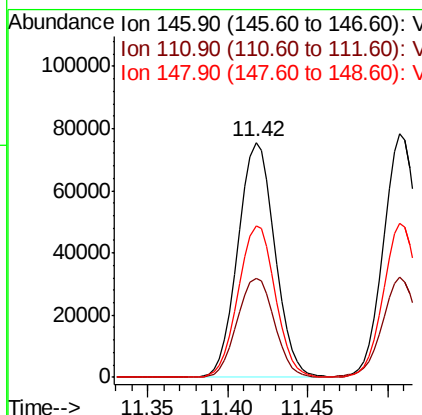
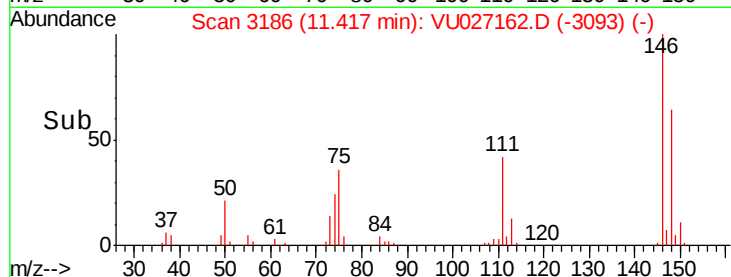
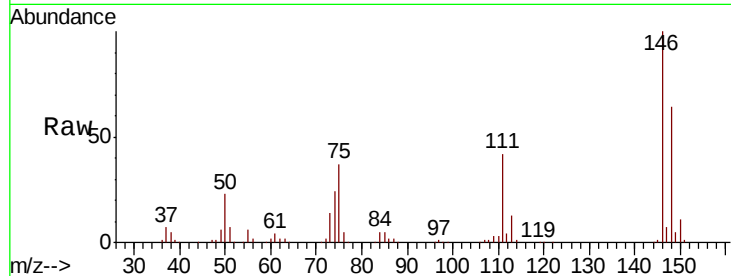




#87
 1,3-Dichlorobenzene
 Concen: 48.306 ug/l
 RT: 11.42 min Scan# 3186
 Delta R.T. 0.00 min
 Lab File: VU027162.D
 Acq: 26 Sep 2018 05:35

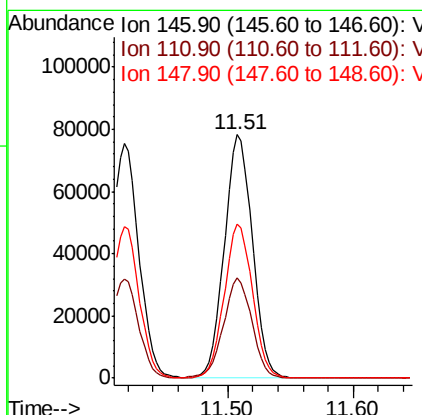
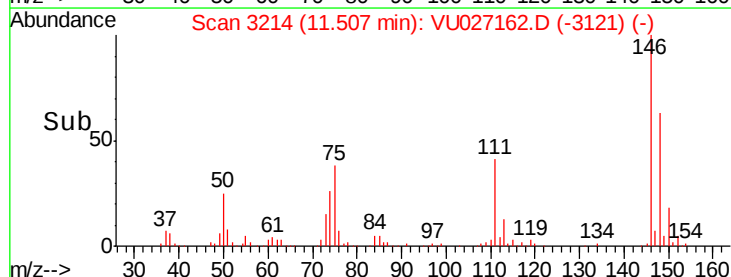
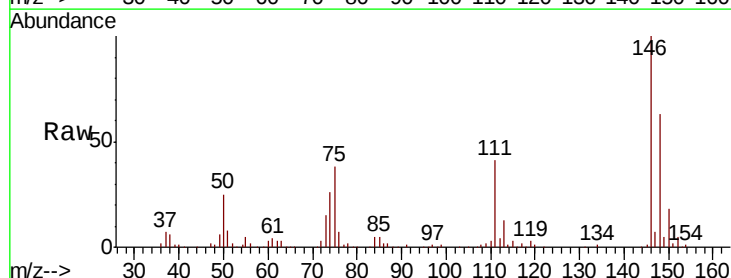
Instrument :
 MSVOA_U
 ClientSampled :
 BFB

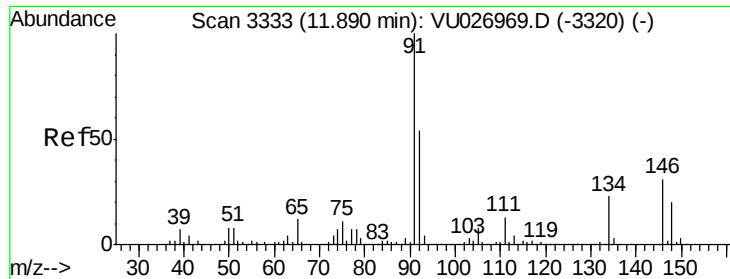
Tot Ion:146 Resp: 118537
 Ion Ratio Lower Upper
 146 100
 111 42.6 20.8 62.2
 148 64.8 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 45.434 ug/l
 RT: 11.51 min Scan# 3214
 Delta R.T. 0.00 min
 Lab File: VU027162.D
 Acq: 26 Sep 2018 05:35

Tgt Ion:146 Resp: 121512
 Ion Ratio Lower Upper
 146 100
 111 41.5 20.3 60.9
 148 63.6 31.9 95.9

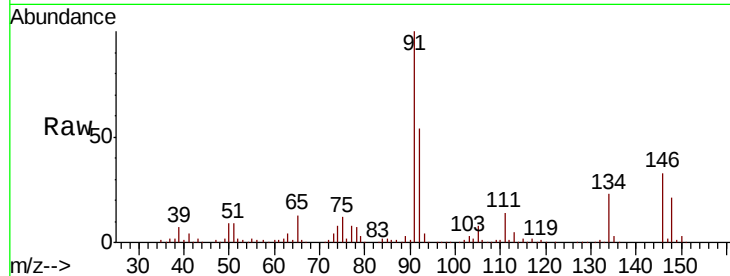




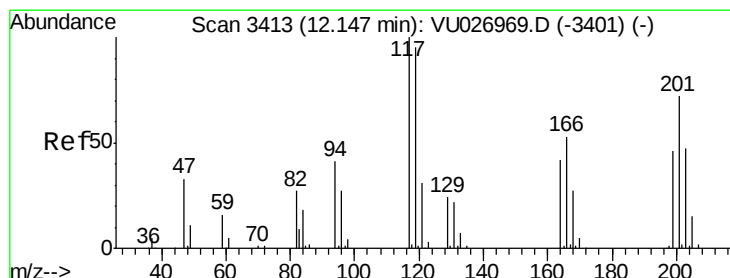
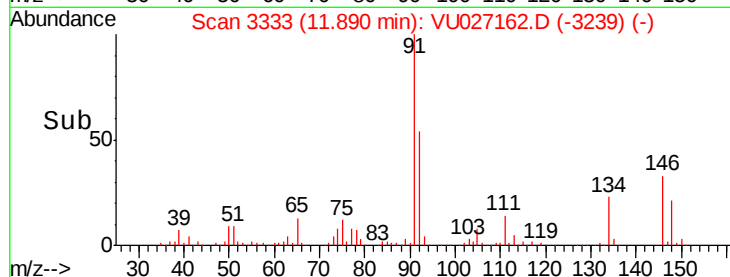
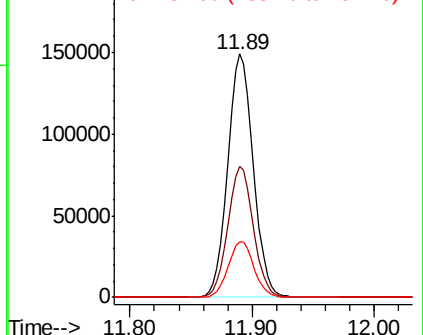
#89
n-Butylbenzene
Concen: 45.039 ug/l
RT: 11.89 min Scan# 3333
Delta R.T. 0.00 min
Lab File: VU027162.D
Acq: 26 Sep 2018 05:35

Instrument :
MSVOA_U
ClientSampled :
BFB

Tot Ion: 91 Resp: 219018
Ion Ratio Lower Upper
91 100
92 53.6 27.1 81.2
134 23.1 11.7 35.0

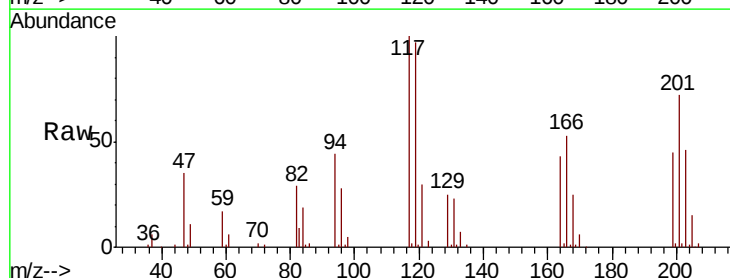


Abundance Ion 91.00 (90.70 to 91.70): VU026969.D (-3320) (-)
Ion 92.00 (91.70 to 92.70): VU026969.D (-3320) (-)
Ion 134.00 (133.70 to 134.70): VU026969.D (-3320) (-)

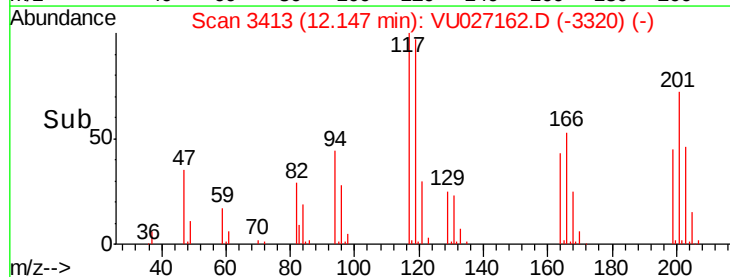
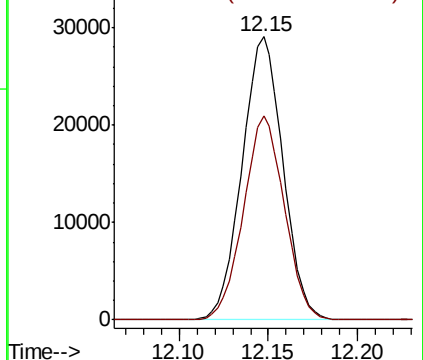


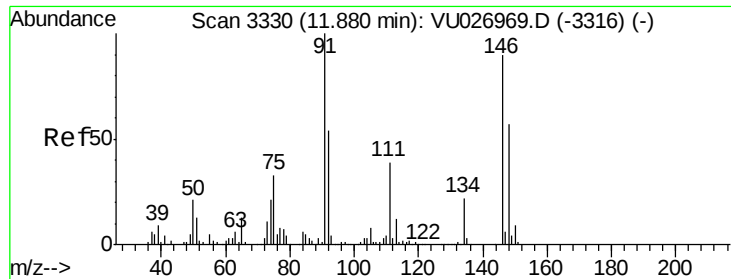
#90
Hexachloroethane
Concen: 47.691 ug/l
RT: 12.15 min Scan# 3413
Delta R.T. 0.00 min
Lab File: VU027162.D
Acq: 26 Sep 2018 05:35

Tgt Ion: 117 Resp: 46622
Ion Ratio Lower Upper
117 100
201 71.9 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: 46.702 ug/l

RT: 11.88 min Scan# 3330

Delta R.T. 0.00 min

Lab File: VU027162.D

Acq: 26 Sep 2018 05:35

Instrument :

MSVOA_U

ClientSampled :

BFB

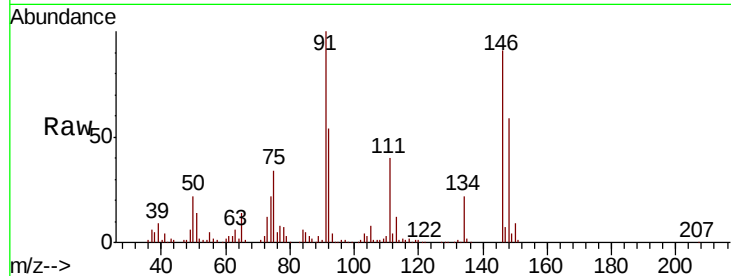
Tot Ion:146 Resp: 121735

Ion Ratio Lower Upper

146 100

111 44.1 21.8 65.3

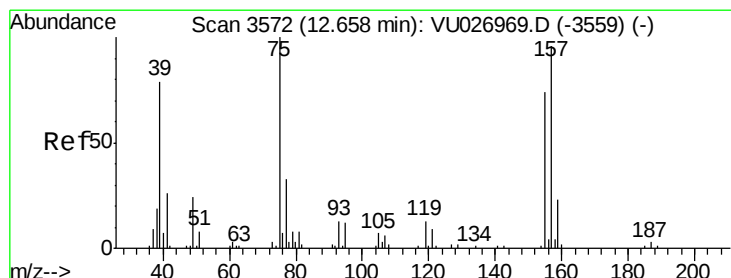
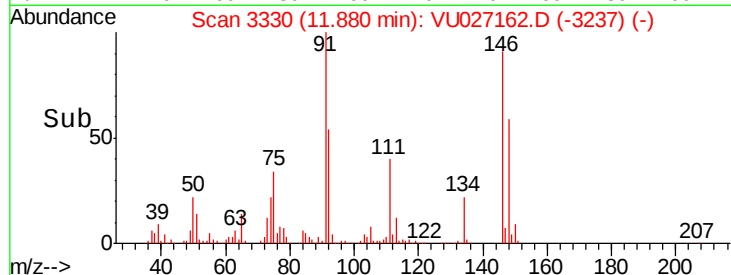
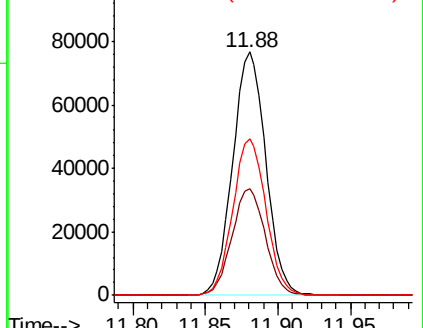
148 64.4 31.9 95.7



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 51.857 ug/l

RT: 12.66 min Scan# 3571

Delta R.T. -0.00 min

Lab File: VU027162.D

Acq: 26 Sep 2018 05:35

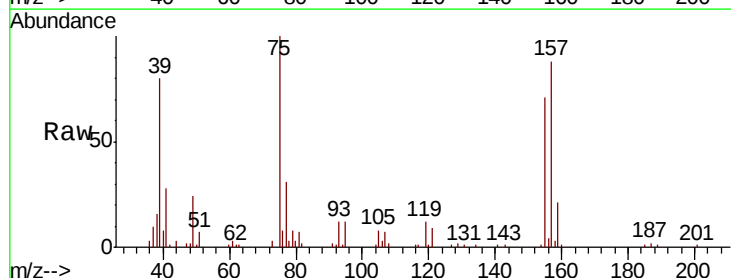
Tgt Ion: 75 Resp: 26247

Ion Ratio Lower Upper

75 100

155 71.9 36.6 109.8

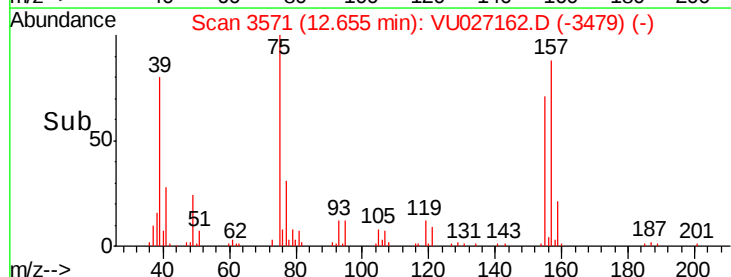
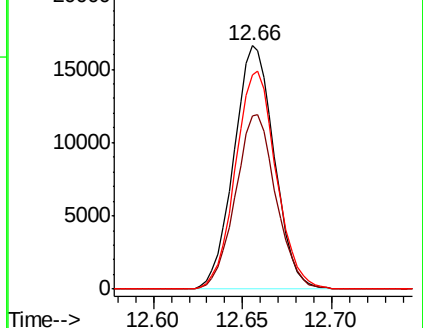
157 90.3 47.4 142.2



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

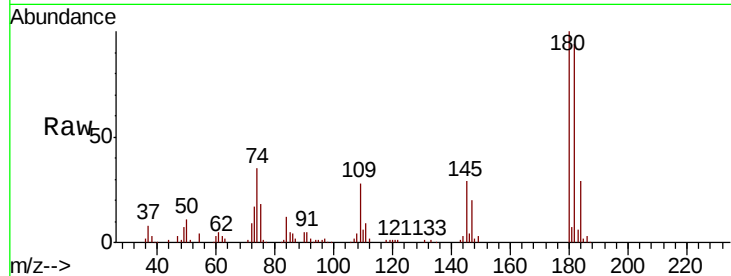




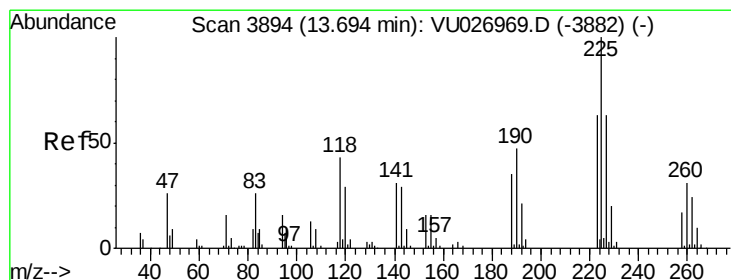
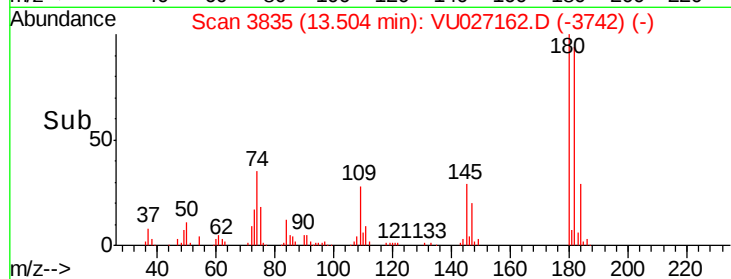
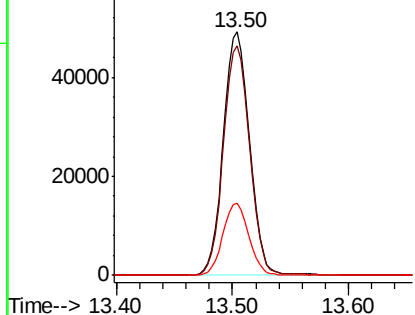
#93
 1,2,4-Trichlorobenzene
 Concen: 51.314 ug/l
 RT: 13.50 min Scan# 3835
 Delta R.T. 0.00 min
 Lab File: VU027162.D
 Acq: 26 Sep 2018 05:35

Instrument :
 MSVOA_U
 ClientSampleId :
 BFB

Tot Ion:180 Resp: 77080
 Ion Ratio Lower Upper
 180 100
 182 94.3 47.4 142.2
 145 29.2 14.9 44.5

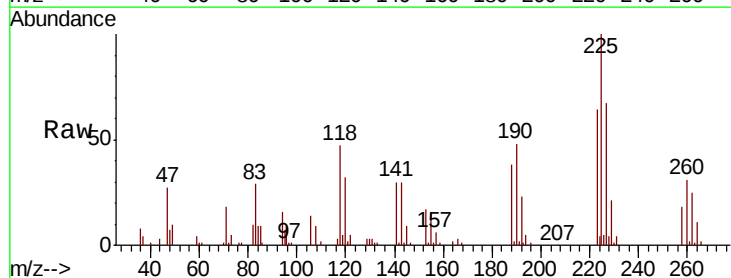


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

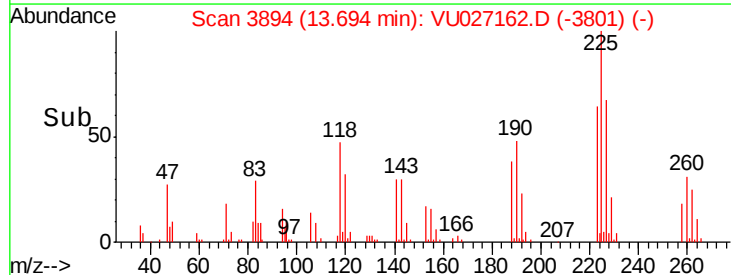
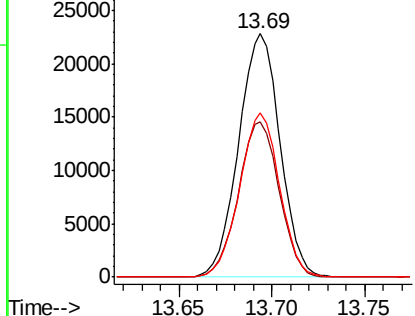


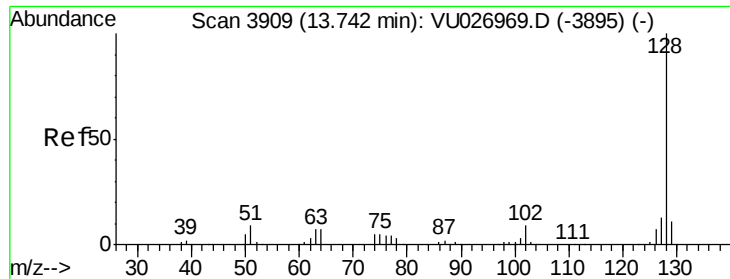
#94
 Hexachlorobutadiene
 Concen: 44.496 ug/l
 RT: 13.69 min Scan# 3894
 Delta R.T. 0.00 min
 Lab File: VU027162.D
 Acq: 26 Sep 2018 05:35

Tgt Ion:225 Resp: 35365
 Ion Ratio Lower Upper
 225 100
 223 62.7 31.9 95.7
 227 64.8 32.1 96.5



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

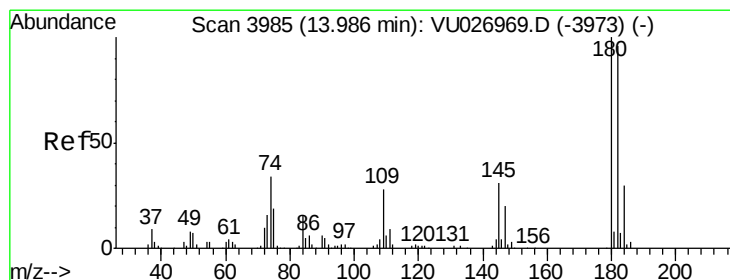
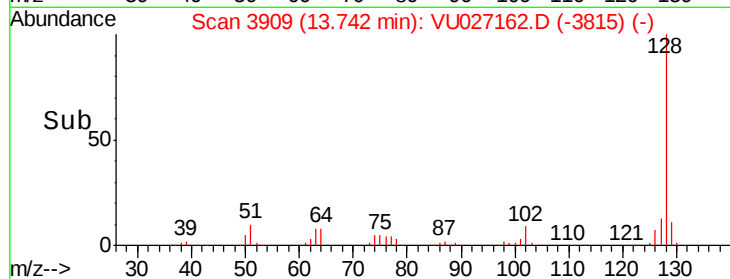
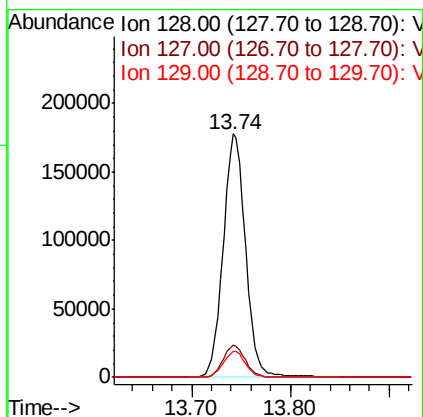
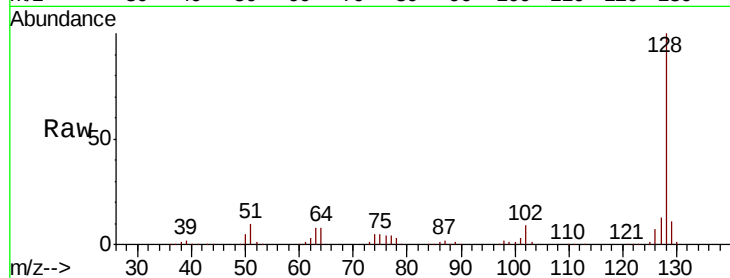




#95
Naphthalene
Concen: 48.376 ug/l
RT: 13.74 min Scan# 3909
Delta R.T. 0.00 min
Lab File: VU027162.D
Acq: 26 Sep 2018 05:35

Instrument :
MSVOA_U
ClientSampleId :
BFB

Tot Ion:128 Resp: 283780
Ion Ratio Lower Upper
128 100
127 13.1 10.6 15.8
129 10.6 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 50.434 ug/l
RT: 13.99 min Scan# 3985
Delta R.T. 0.00 min
Lab File: VU027162.D
Acq: 26 Sep 2018 05:35

Tgt Ion:180 Resp: 81242
Ion Ratio Lower Upper
180 100
182 96.0 47.5 142.5
145 32.3 15.4 46.4

