

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\U100618\
 Data File : VU027458.D
 Acq On : 05 Oct 2018 17:13
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFB

Quant Time: Oct 06 00:28:02 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U100118W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 02 02:04:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	125748	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	217317	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	201352	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	105783	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	87168	41.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.02%	
35) Dibromofluoromethane	4.88	113	63730	42.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.58%	
50) Toluene-d8	7.57	98	243506	43.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.38%	
62) 4-Bromofluorobenzene	10.31	95	91677	44.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.50%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.21	85	87388	48.203	ug/l	99
3) Chloromethane	1.33	50	109579	44.645	ug/l	100
4) Vinyl Chloride	1.40	62	108508	47.029	ug/l	100
5) Bromomethane	1.61	94	68048	68.160	ug/l	100
6) Chloroethane	1.69	64	61109	44.077	ug/l	99
7) Trichlorofluoromethane	1.88	101	108897	46.517	ug/l	100
8) Diethyl Ether	2.10	74	49347	45.760	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.29	101	67219	49.442	ug/l	98
10) Methyl Iodide	2.41	142	62905	52.397	ug/l	100
11) Tert butyl alcohol	2.83	59	110456	249.800	ug/l	99
12) 1,1-Dichloroethene	2.28	96	63923	48.125	ug/l	97
13) Acrolein	2.20	56	83197	224.231	ug/l	98
14) Allyl chloride	2.59	41	148858	47.194	ug/l	99
15) Acrylonitrile	2.94	53	294280	255.702	ug/l	99
16) Acetone	2.32	43	299115	241.132	ug/l	98
17) Carbon Disulfide	2.48	76	205362	42.868	ug/l	100
18) Methyl Acetate	2.62	43	154740	54.682	ug/l	99
19) Methyl tert-butyl Ether	3.00	73	259396	48.739	ug/l	98
20) Methylene Chloride	2.70	84	82488	47.739	ug/l	96
21) trans-1,2-Dichloroethene	2.98	96	71493	47.941	ug/l	99
22) Diisopropyl ether	3.58	45	313363	48.879	ug/l	99
23) Vinyl Acetate	3.53	43	1364622	243.737	ug/l	100
24) 1,1-Dichloroethane	3.45	63	159608	48.429	ug/l	99
25) 2-Butanone	4.26	43	437127	258.415	ug/l	99
26) 2,2-Dichloropropane	4.23	77	124793	46.082	ug/l	99
27) cis-1,2-Dichloroethene	4.23	96	82412	48.325	ug/l	99
28) Bromochloromethane	4.55	49	78007	49.059	ug/l	99
29) Tetrahydrofuran	4.64	42	272966	256.054	ug/l	99
30) Chloroform	4.67	83	143247	48.921	ug/l	99
31) Cyclohexane	5.00	56	146468	43.461	ug/l	97
32) 1,1,1-Trichloroethane	4.92	97	120640	48.919	ug/l	99
36) 1,1-Dichloropropene	5.14	75	111666	47.325	ug/l	99
37) Ethyl Acetate	4.38	43	151991	49.841	ug/l	99
38) Carbon Tetrachloride	5.13	117	99949	46.893	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	132170	47.918	ug/l	97
40) Benzene	5.39	78	328821	47.841	ug/l	98
41) Methacrylonitrile	4.54	41	85584	49.653	ug/l	99
42) 1,2-Dichloroethane	5.40	62	123071	48.239	ug/l	99
43) Isopropyl Acetate	5.55	43	237400	50.124	ug/l	99
44) Trichloroethene	6.19	130	75586	49.319	ug/l	96
45) 1,2-Dichloropropane	6.43	63	96676	48.766	ug/l	97
46) Dibromomethane	6.56	93	56201	50.195	ug/l	99
47) Bromodichloromethane	6.76	83	111759	48.104	ug/l	100
48) Methyl methacrylate	6.62	41	119047	50.545	ug/l	99
49) 1,4-Dioxane	6.61	88	42244	1042.442	ug/l	97
51) 4-Methyl-2-Pentanone	7.46	43	782556	254.271	ug/l	99
52) Toluene	7.64	92	197724	48.603	ug/l	98
53) t-1,3-Dichloropropene	7.88	75	135770	49.842	ug/l	99
54) cis-1,3-Dichloropropene	7.27	75	142602	48.697	ug/l	98
55) 1,1,2-Trichloroethane	8.07	97	79965	49.576	ug/l	99
56) Ethyl methacrylate	8.02	69	139796	45.474	ug/l	98
57) 1,3-Dichloropropane	8.24	76	151148	48.271	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.13	63	391123	231.219	ug/l	99
59) 2-Hexanone	8.36	43	620255	259.803	ug/l	99
60) Dibromochloromethane	8.48	129	80439	49.724	ug/l	99
61) 1,2-Dibromoethane	8.59	107	83435	48.652	ug/l	99
64) Tetrachloroethene	8.23	164	62239	49.654	ug/l	98
65) Chlorobenzene	9.12	112	208714	49.245	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.21	131	73331	50.119	ug/l	97
67) Ethyl Benzene	9.25	91	376568	50.148	ug/l	100
68) m/p-Xylenes	9.38	106	280442	102.101	ug/l	99
69) o-Xylene	9.78	106	133448	51.126	ug/l	100
70) Styrene	9.79	104	228796	47.036	ug/l	99
71) Bromoform	9.96	173	60352	51.268	ug/l #	99
73) Isopropylbenzene	10.17	105	363241	47.279	ug/l	99
74) N-amyl acetate	10.01	43	210413	47.840	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.46	83	139291	46.173	ug/l	100
76) 1,2,3-Trichloropropane	10.49	75	172712	62.984	ug/l	83
77) Bromobenzene	10.45	156	85724	48.010	ug/l	97
78) n-propylbenzene	10.59	91	452518	49.017	ug/l	99
79) 2-Chlorotoluene	10.66	91	261159	46.852	ug/l	100
80) 1,3,5-Trimethylbenzene	10.77	105	311156	49.745	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.49	75	172712	164.837	ug/l #	100
82) 4-Chlorotoluene	10.77	91	310657	49.111	ug/l	98
83) tert-Butylbenzene	11.10	119	292490	48.370	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	315117	49.318	ug/l	99
85) sec-Butylbenzene	11.32	105	381739	50.104	ug/l	100
86) p-Isopropyltoluene	11.48	119	331657	50.841	ug/l	100
87) 1,3-Dichlorobenzene	11.42	146	163844	48.461	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	168186	48.680	ug/l	100
89) n-Butylbenzene	11.89	91	330170	47.785	ug/l	100
90) Hexachloroethane	12.15	117	56990	46.348	ug/l	98
91) 1,2-Dichlorobenzene	11.88	146	160203	48.679	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	32330	48.356	ug/l	95

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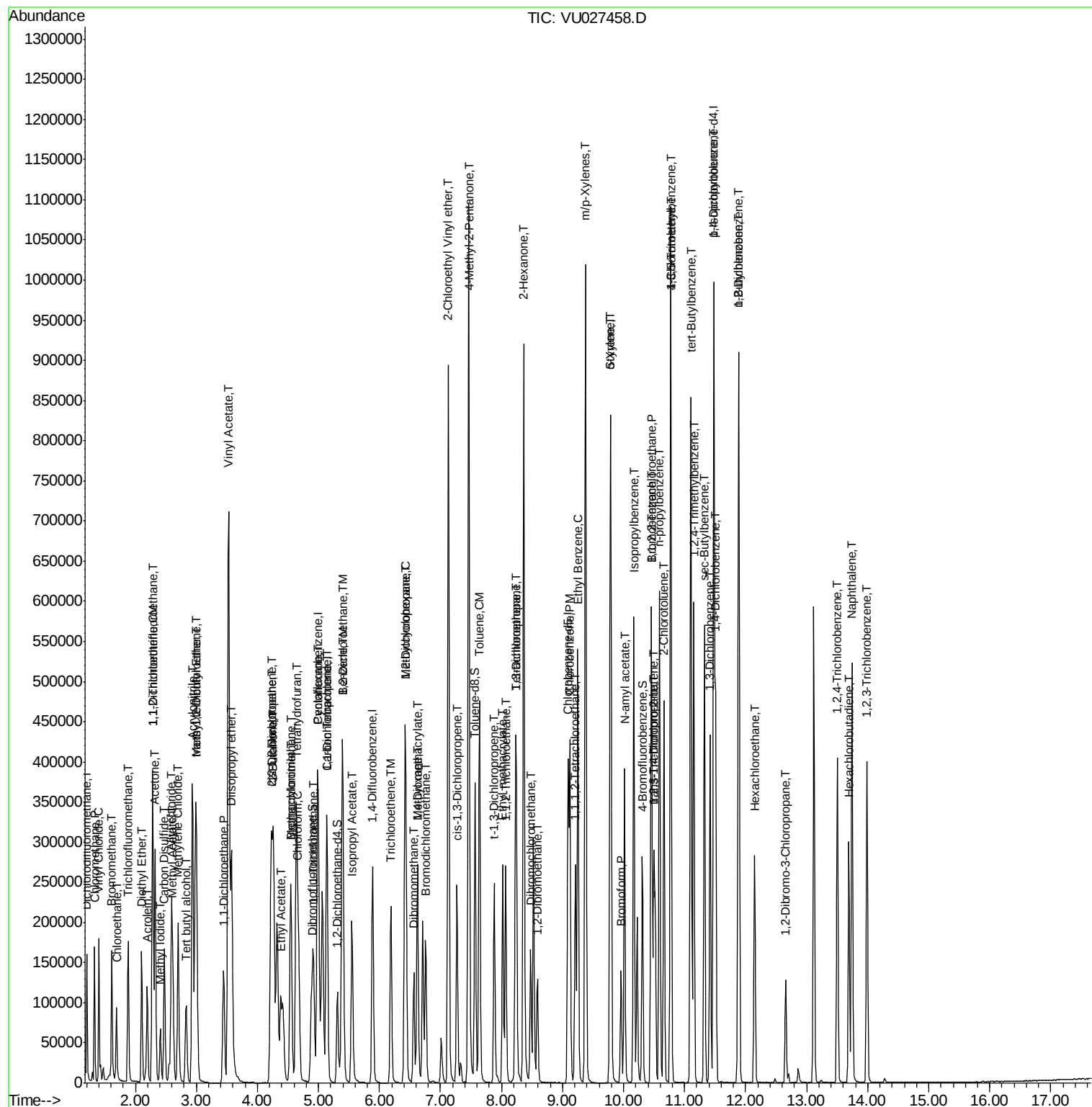
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.50	180	119400	56.070	ug/l	100
94) Hexachlorobutadiene	13.69	225	55266	51.367	ug/l	98
95) Naphthalene	13.74	128	388890	48.672	ug/l	100
96) 1,2,3-Trichlorobenzene	13.99	180	119579	53.900	ug/l	99

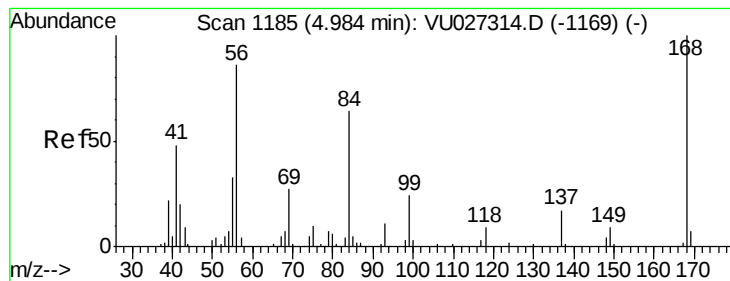
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. 0.00 min

Lab File: VU027458.D

Acq: 05 Oct 2018 17:13

Instrument :

MSVOA_U

ClientSampled :

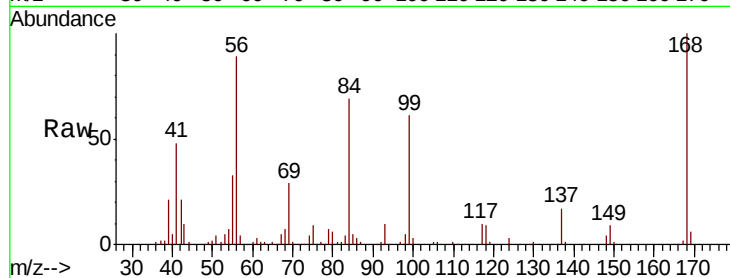
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Tgt Ion:168 Resp: 125748

Ion Ratio Lower Upper

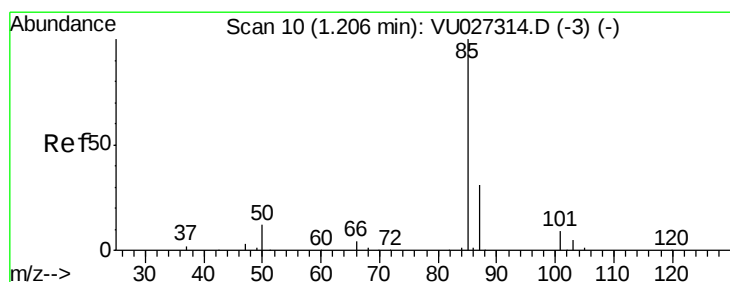
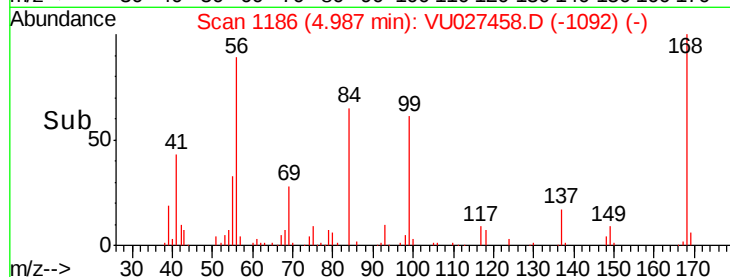
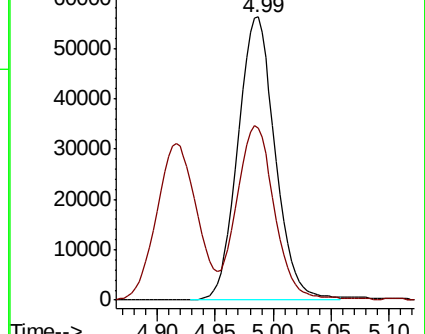
168 100

99 60.1 50.8 76.2



Abundance Ion 167.90 (167.60 to 168.60): VU027314.D (-1169) (-)

Ion 98.90 (98.60 to 99.60): VU027314.D (-1169) (-)



#2

Dichlorodifluoromethane

Concen: 48.203 ug/l

RT: 1.21 min Scan# 10

Delta R.T. -0.00 min

Lab File: VU027458.D

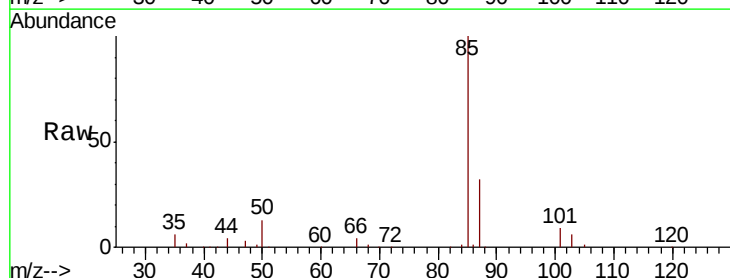
Acq: 05 Oct 2018 17:13

Tgt Ion: 85 Resp: 87388

Ion Ratio Lower Upper

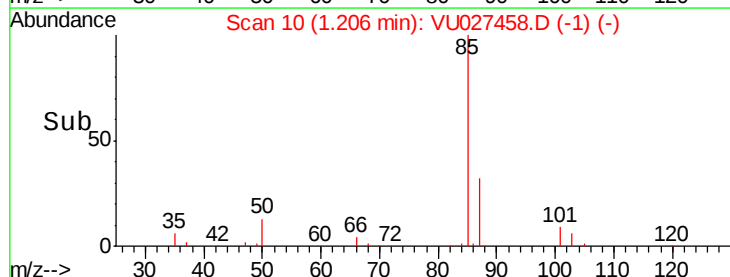
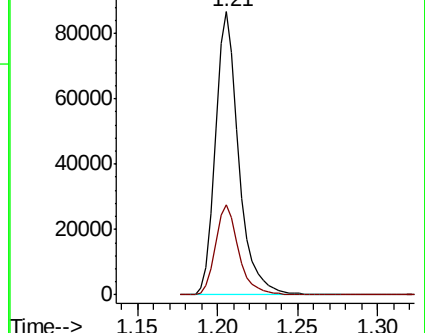
85 100

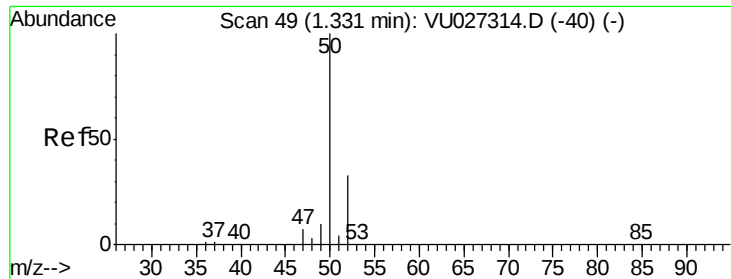
87 31.7 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VU027314.D (-3) (-)

Ion 86.90 (86.60 to 87.60): VU027314.D (-3) (-)





#3

Chloromethane

Concen: 44.645 ug/l

RT: 1.33 min Scan# 48

Delta R.T. -0.00 min

Lab File: VU027458.D

Acq: 05 Oct 2018 17:13

Instrument :

MSVOA_U

ClientSampleId :

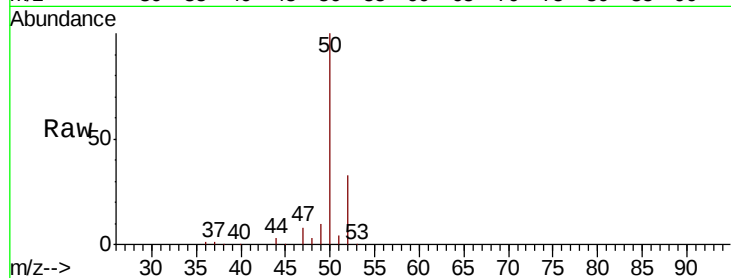
BFB

Tgt Ion: 50 Resp: 109579

Ion Ratio Lower Upper

50 100

52 33.2 26.5 39.7



Abundance Ion 49.90 (49.60 to 50.60): VU0

Ion 51.90 (51.60 to 52.60): VU0

1.33

100000

80000

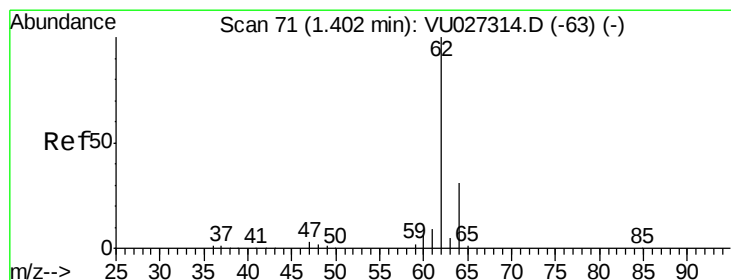
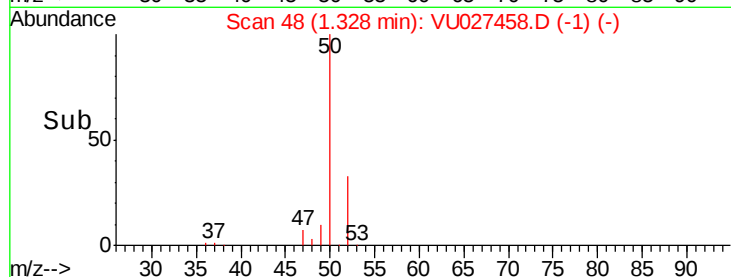
60000

40000

20000

0

Time-->



#4

Vinyl Chloride

Concen: 47.029 ug/l

RT: 1.40 min Scan# 71

Delta R.T. -0.00 min

Lab File: VU027458.D

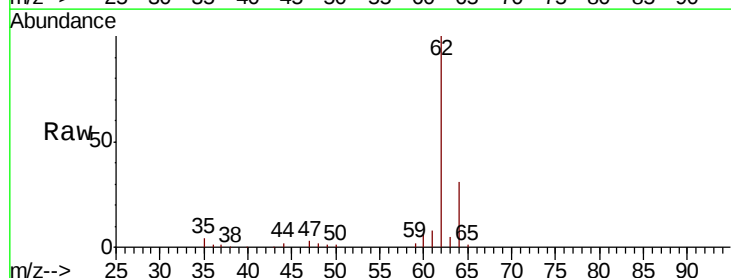
Acq: 05 Oct 2018 17:13

Tgt Ion: 62 Resp: 108508

Ion Ratio Lower Upper

62 100

64 31.3 24.9 37.3



Abundance Ion 61.90 (61.60 to 62.60): VU0

Ion 63.90 (63.60 to 64.60): VU0

1.40

120000

100000

80000

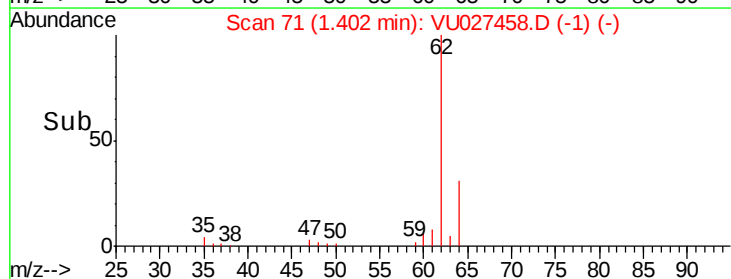
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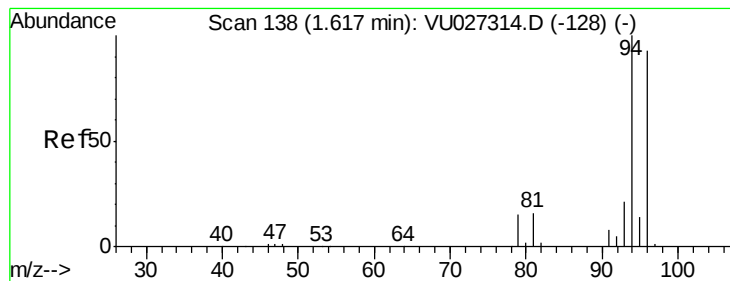
40000

20000

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Time-->





#5

Bromomethane

Concen: 68.160 ug/l

RT: 1.61 min Scan# 137

Delta R.T. -0.00 min

Lab File: VU027458.D

Acq: 05 Oct 2018 17:13

Instrument :

MSVOA_U

ClientSampleId :

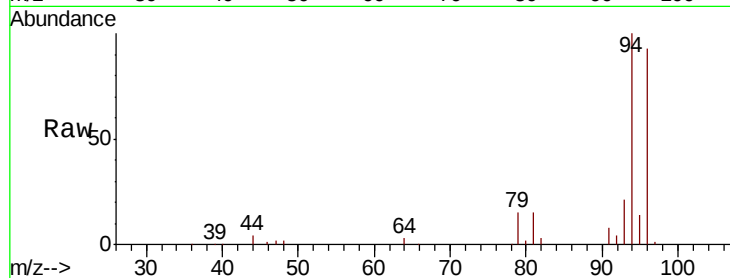
BFB

Tgt Ion: 94 Resp: 68048

Ion Ratio Lower Upper

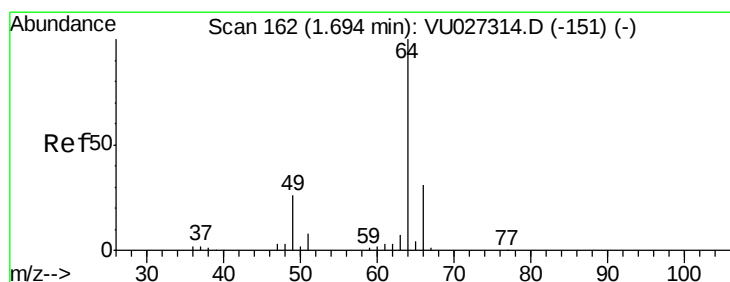
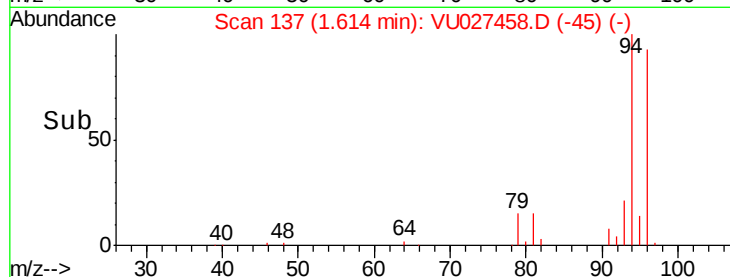
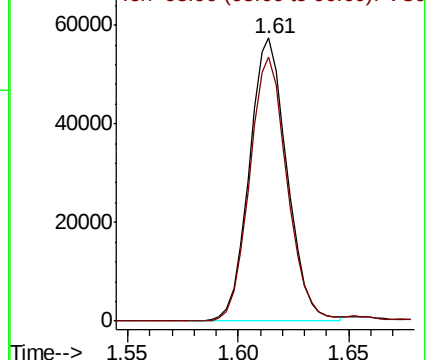
94 100

96 93.5 74.6 111.8



Abundance Ion 93.90 (93.60 to 94.60): VU0

Ion 95.90 (95.60 to 96.60): VU0



#6

Chloroethane

Concen: 44.077 ug/l

RT: 1.69 min Scan# 161

Delta R.T. -0.00 min

Lab File: VU027458.D

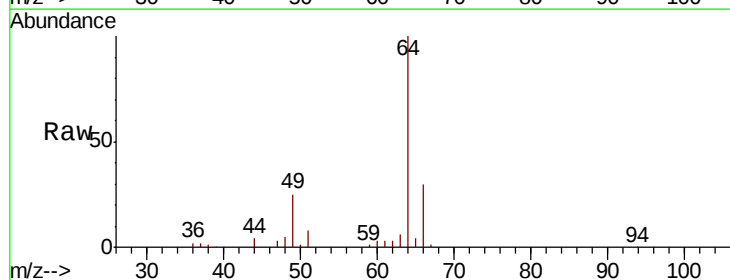
Acq: 05 Oct 2018 17:13

Tgt Ion: 64 Resp: 61109

Ion Ratio Lower Upper

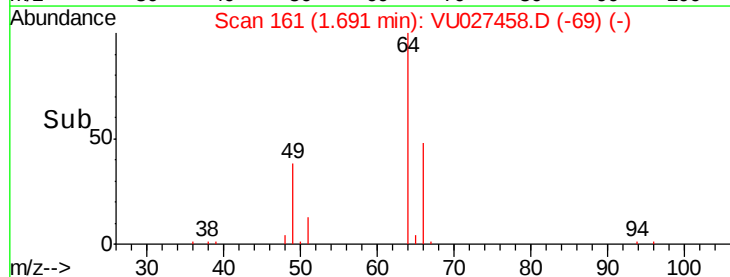
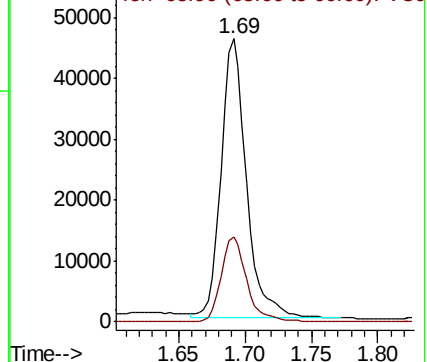
64 100

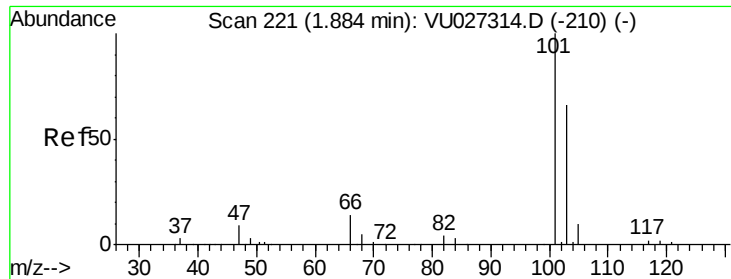
66 30.4 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VU0

Ion 65.90 (65.60 to 66.60): VU0



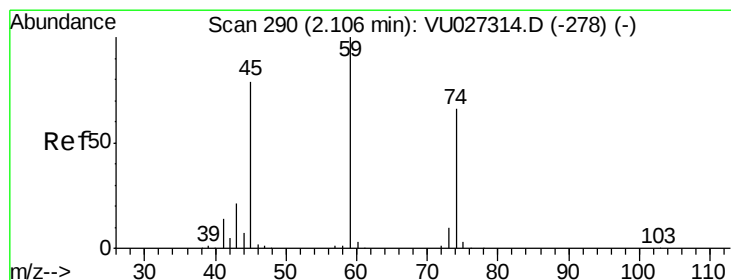
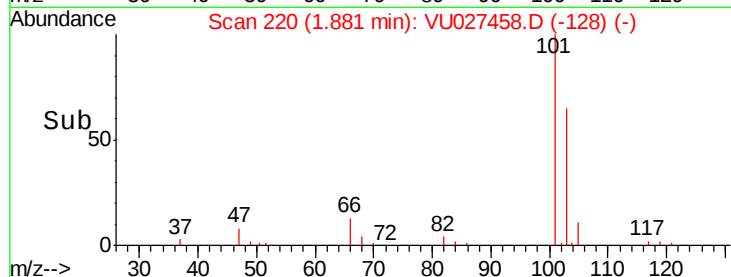
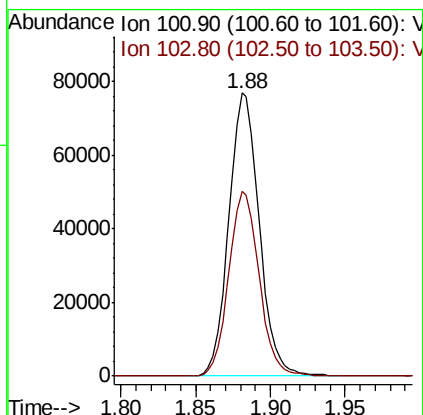
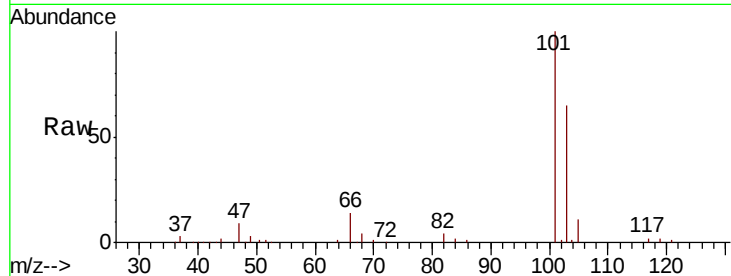


#7

Trichlorofluoromethane
 Concen: 46.517 ug/l
 RT: 1.88 min Scan# 220
 Delta R.T. -0.00 min
 Lab File: VU027458.D
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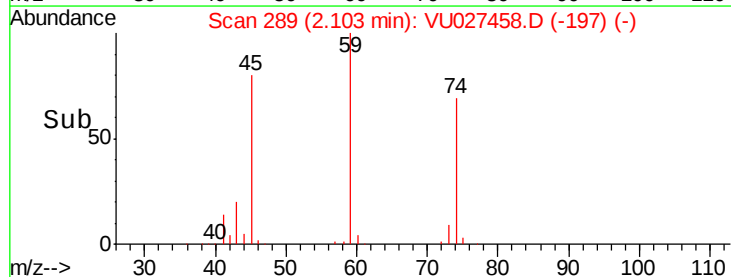
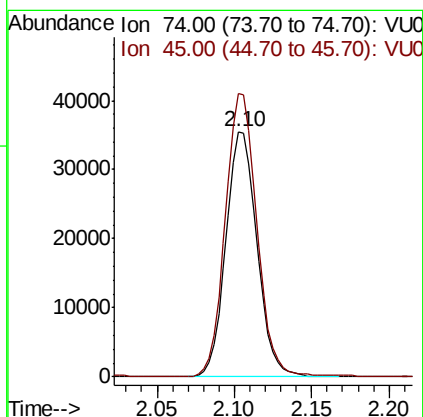
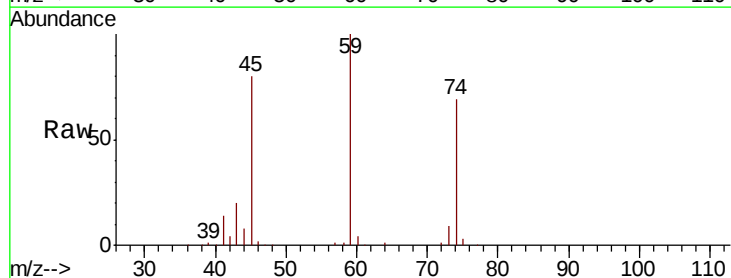
Tgt Ion: 101 Resp: 108897
 Ion Ratio Lower Upper
 101 100
 103 65.4 52.6 78.8

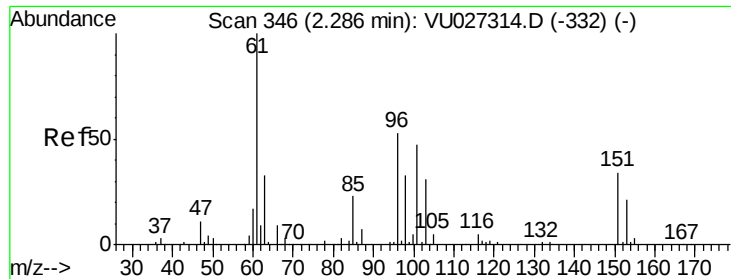


#8

Diethyl Ether
 Concen: 45.760 ug/l
 RT: 2.10 min Scan# 289
 Delta R.T. -0.00 min
 Lab File: VU027458.D
 Acq: 05 Oct 2018 17:13

Tgt Ion: 74 Resp: 49347
 Ion Ratio Lower Upper
 74 100
 45 117.8 60.4 181.1

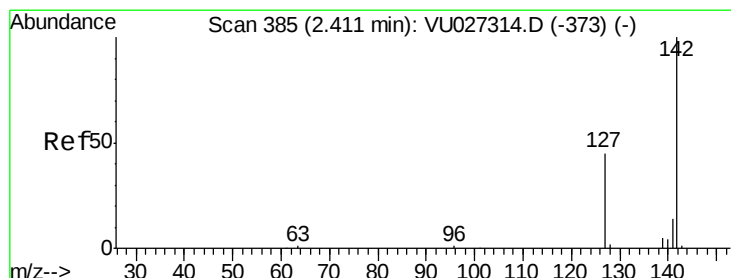
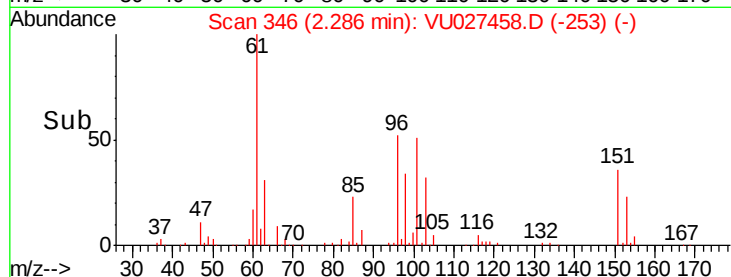
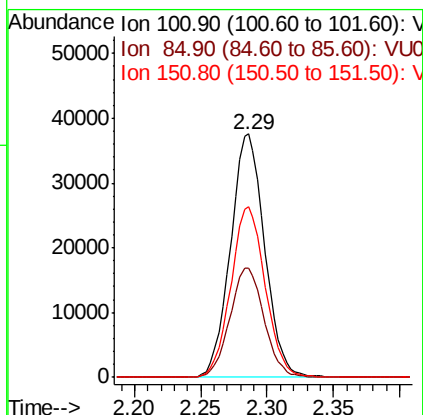
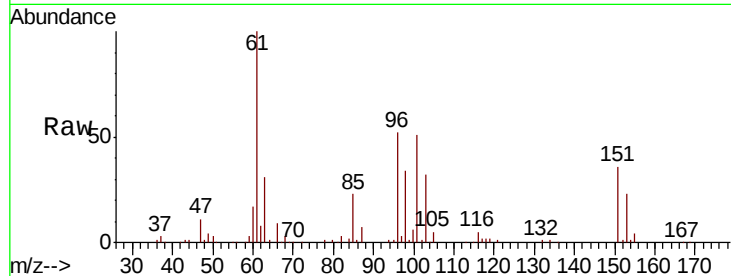




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 49.442 ug/l
 RT: 2.29 min Scan# 346
 Delta R.T. 0.00 min
 Lab File: VU027458.D
 Acq: 05 Oct 2018 17:13

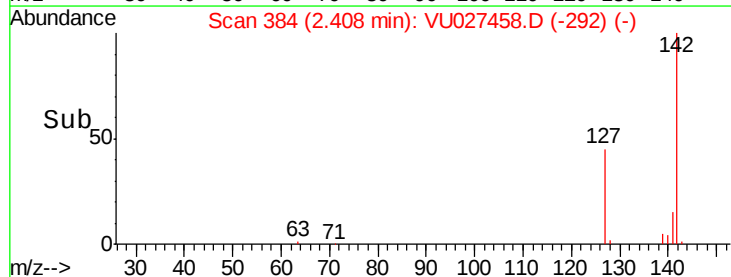
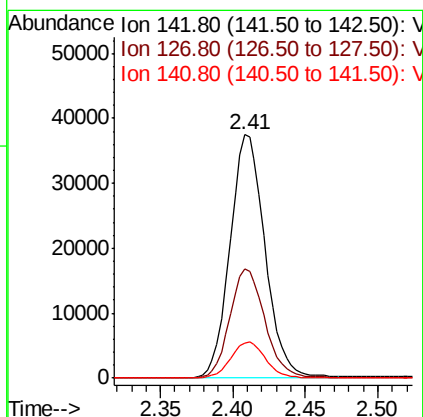
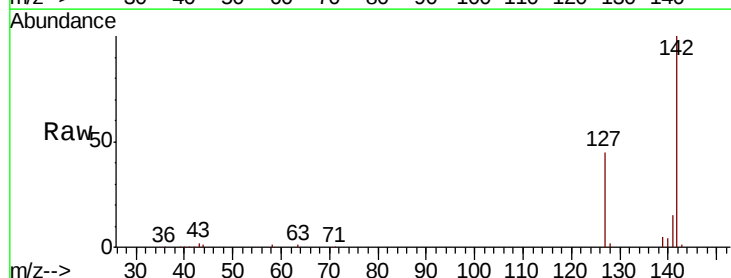
Instrument :
 MSVOA_U
 ClientSampleId :
 BFB

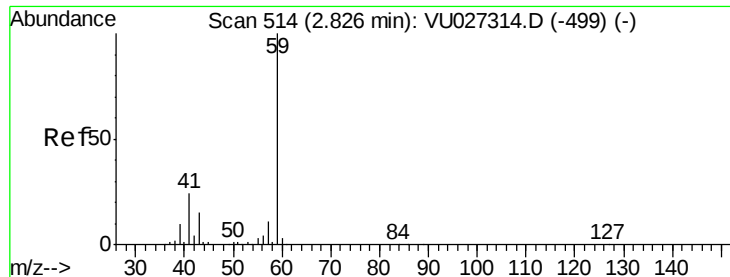
Tgt Ion:101 Resp: 67219
 Ion Ratio Lower Upper
 101 100
 85 45.0 37.5 56.3
 151 70.8 55.6 83.4



#10
 Methyl Iodide
 Concen: 52.397 ug/l
 RT: 2.41 min Scan# 384
 Delta R.T. -0.00 min
 Lab File: VU027458.D
 Acq: 05 Oct 2018 17:13

Tgt Ion:142 Resp: 62905
 Ion Ratio Lower Upper
 142 100
 127 45.1 36.3 54.5
 141 14.6 11.6 17.4

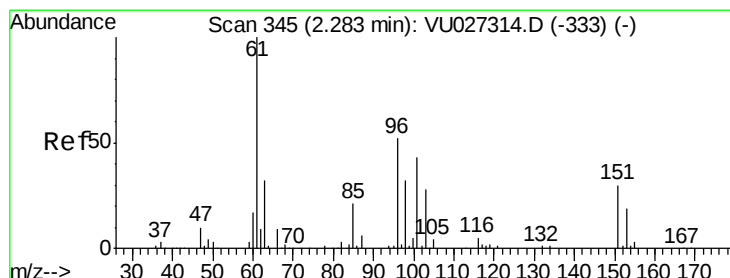
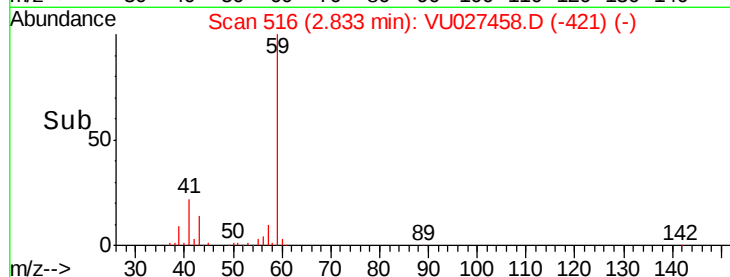
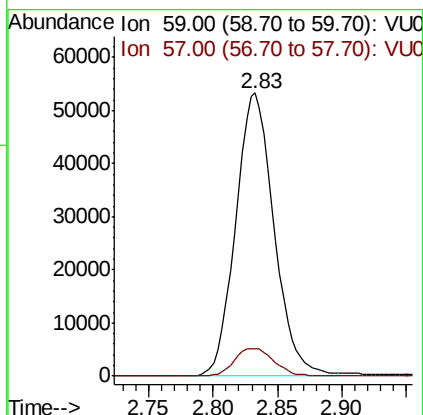
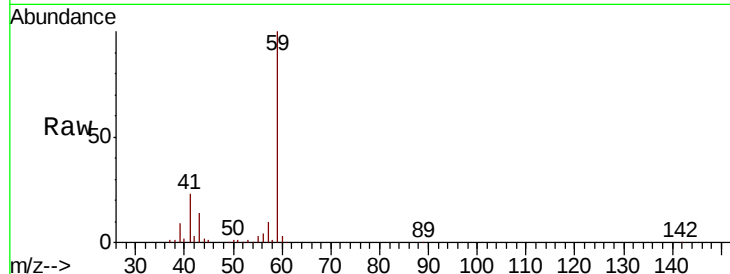




#11
Tert butyl alcohol
Concen: 249.800 ug/l
RT: 2.83 min Scan# 516
Delta R.T. 0.01 min
Lab File: VU027458.D
Acq: 05 Oct 2018 17:13

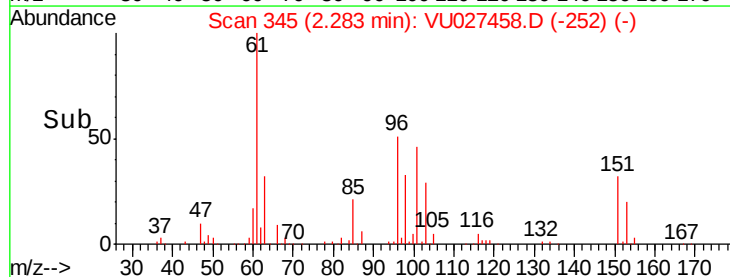
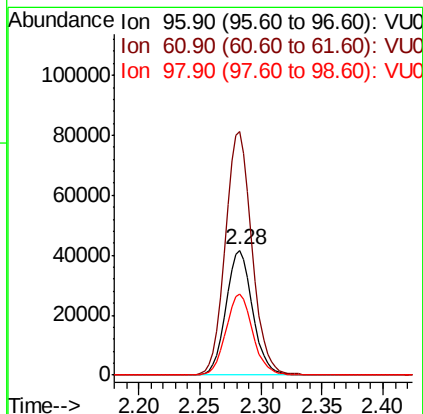
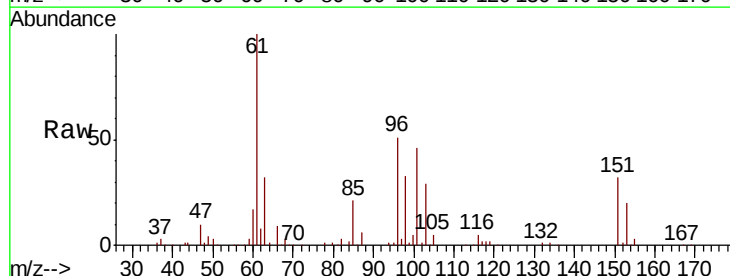
Instrument :
MSVOA_U
ClientSampled :
BFB

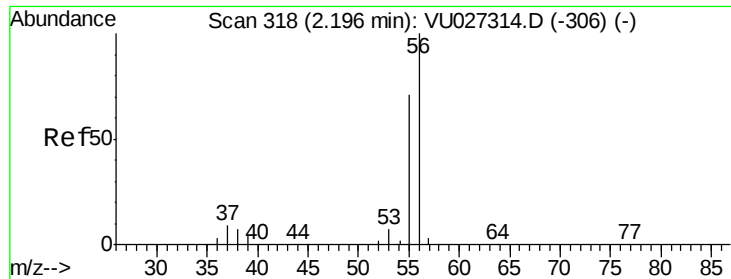
Tgt Ion: 59 Resp: 110456
Ion Ratio Lower Upper
59 100
57 10.1 8.4 12.6



#12
1,1-Dichloroethene
Concen: 48.125 ug/l
RT: 2.28 min Scan# 345
Delta R.T. 0.00 min
Lab File: VU027458.D
Acq: 05 Oct 2018 17:13

Tgt Ion: 96 Resp: 63923
Ion Ratio Lower Upper
96 100
61 195.0 153.0 229.6
98 65.0 49.3 73.9

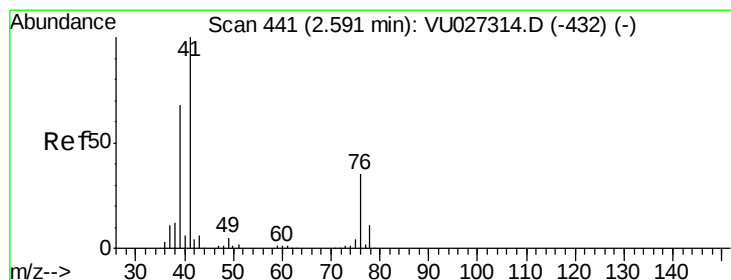
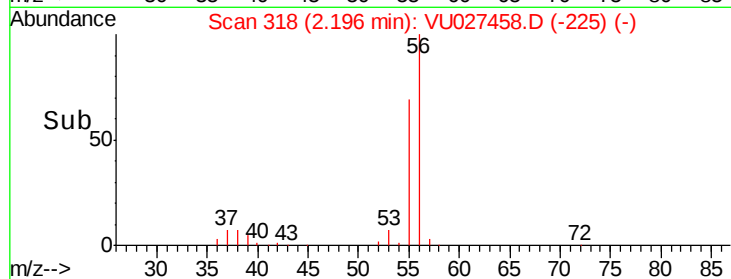
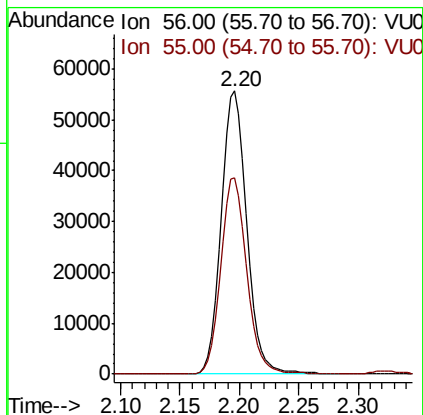
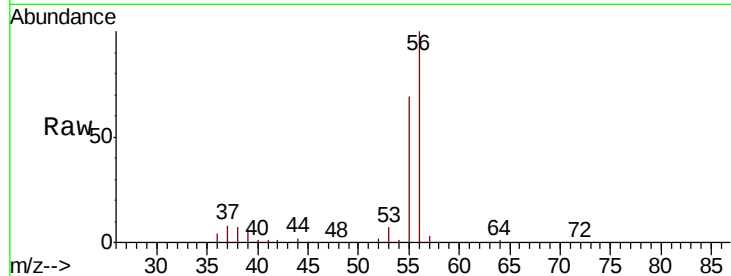




#13
 Acrolein
 Concen: 224.231 ug/l
 RT: 2.20 min Scan# 318
 Delta R.T. -0.00 min
 Lab File: VU027458.D
 Acq: 05 Oct 2018 17:13

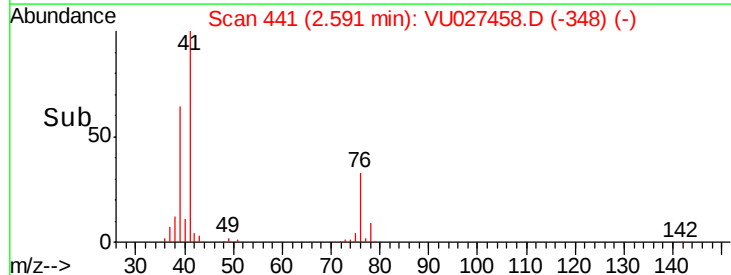
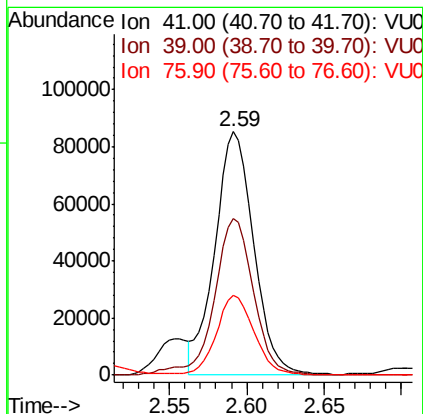
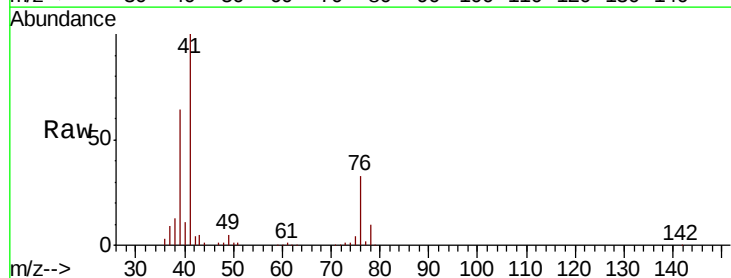
Instrument :
 MSVOA_U
 ClientSampled :
 BFB

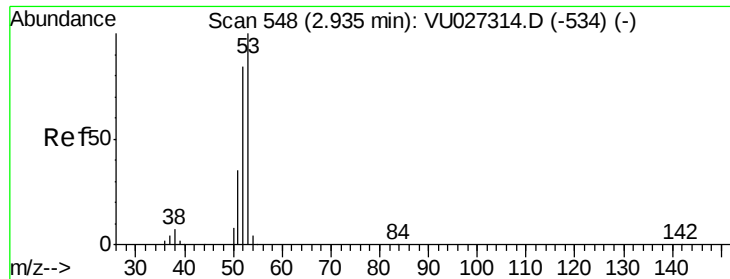
Tgt Ion: 56 Resp: 83197
 Ion Ratio Lower Upper
 56 100
 55 70.0 57.7 86.5



#14
 Allyl chloride
 Concen: 47.194 ug/l
 RT: 2.59 min Scan# 441
 Delta R.T. -0.00 min
 Lab File: VU027458.D
 Acq: 05 Oct 2018 17:13

Tgt Ion: 41 Resp: 148858
 Ion Ratio Lower Upper
 41 100
 39 65.3 51.8 77.8
 76 32.0 25.9 38.9





#15

Acrylonitrile

Concen: 255.702 ug/l

RT: 2.94 min Scan# 548

Delta R.T. -0.00 min

Lab File: VU027458.D

Acq: 05 Oct 2018 17:13

Instrument :

MSVOA_U

ClientSampleId :

BFB

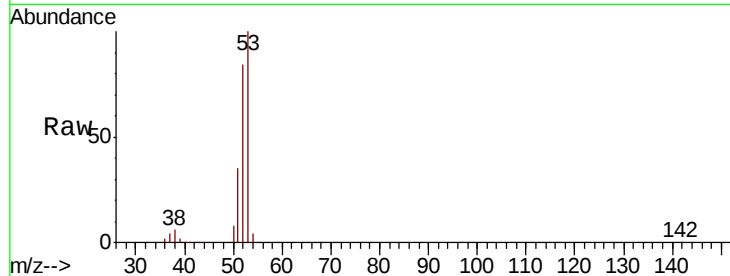
Tgt Ion: 53 Resp: 294280

Ion Ratio Lower Upper

53 100

52 82.1 66.5 99.7

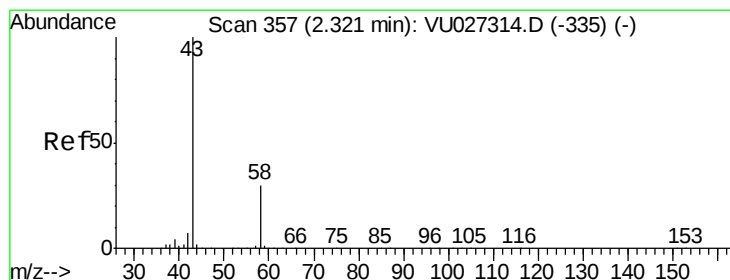
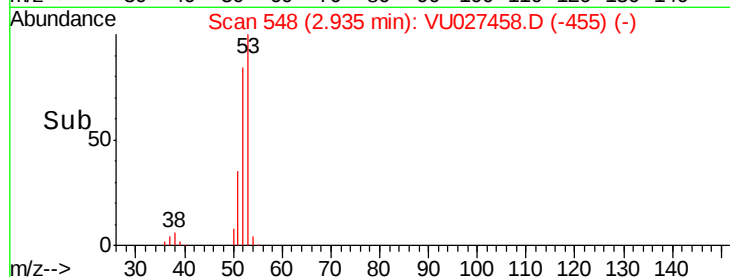
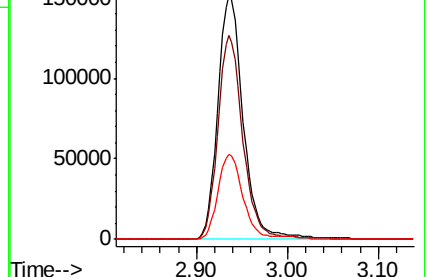
51 35.4 27.6 41.4



Abundance Ion 53.00 (52.70 to 53.70): VU0

Ion 52.00 (51.70 to 52.70): VU0

Ion 51.00 (50.70 to 51.70): VU0



#16

Acetone

Concen: 241.132 ug/l

RT: 2.32 min Scan# 358

Delta R.T. 0.00 min

Lab File: VU027458.D

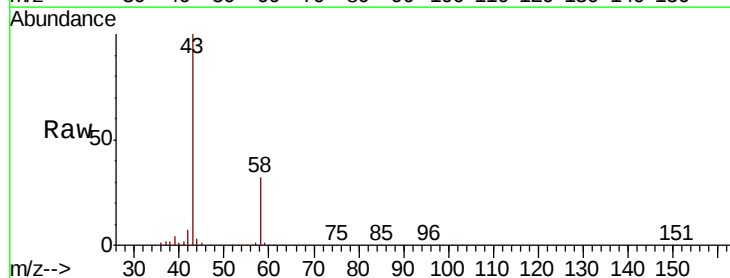
Acq: 05 Oct 2018 17:13

Tgt Ion: 43 Resp: 299115

Ion Ratio Lower Upper

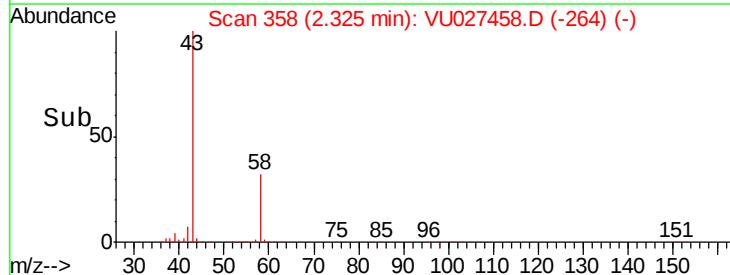
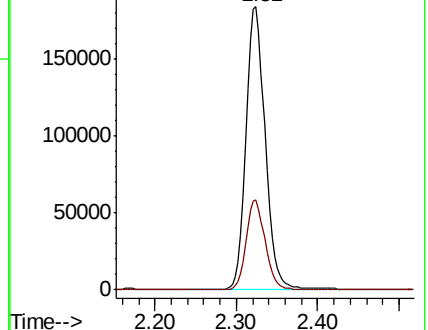
43 100

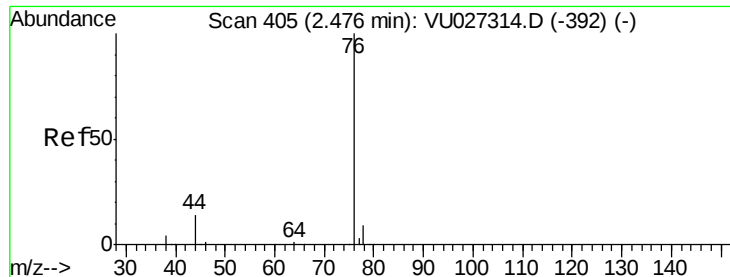
58 31.6 24.2 36.4



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

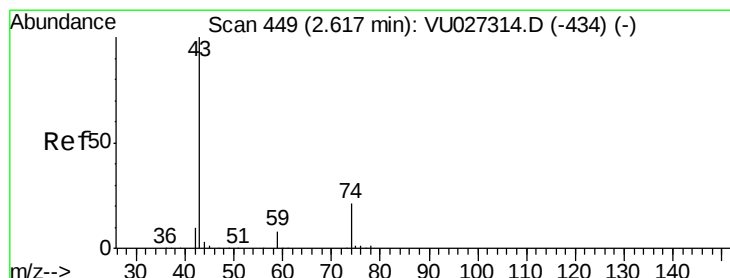
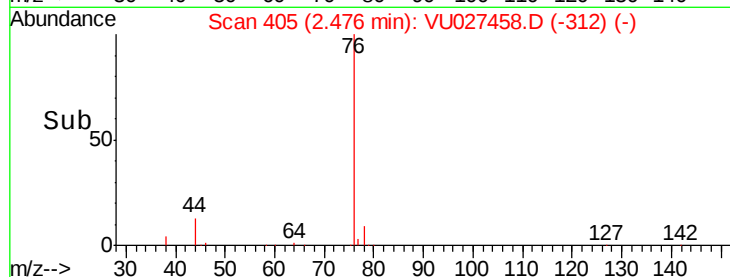
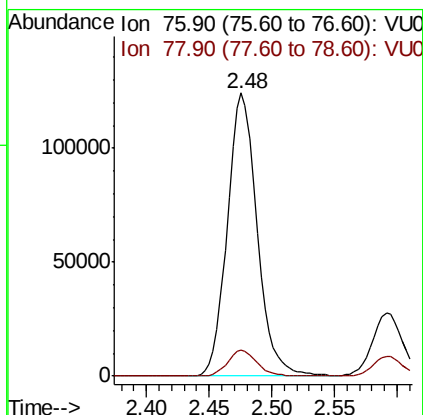
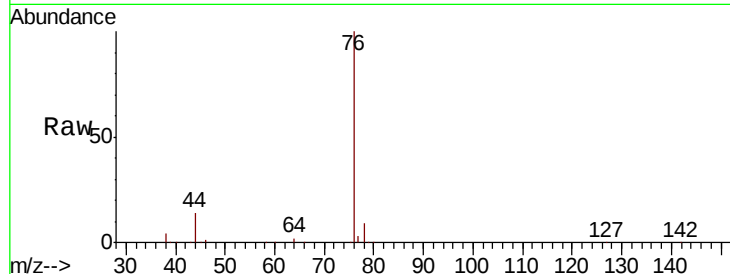




#17
Carbon Disulfide
Concen: 42.868 ug/l
RT: 2.48 min Scan# 405
Delta R.T. -0.00 min
Lab File: VU027458.D
Acq: 05 Oct 2018 17:13

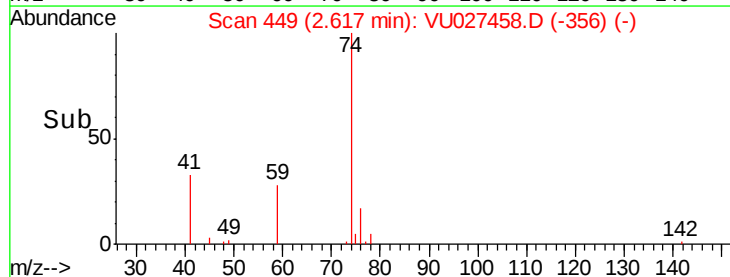
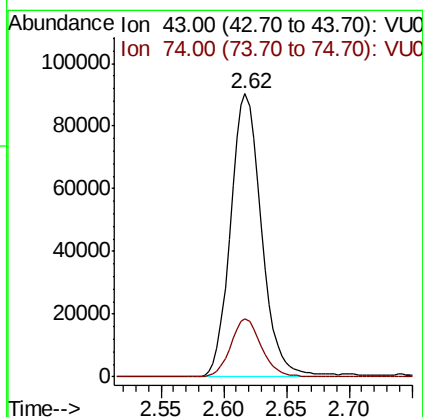
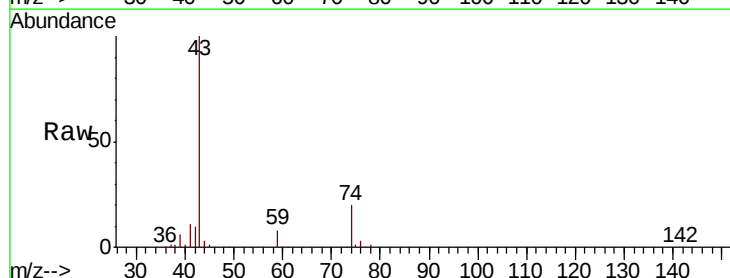
Instrument :
MSVOA_U
ClientSampled :
BFB

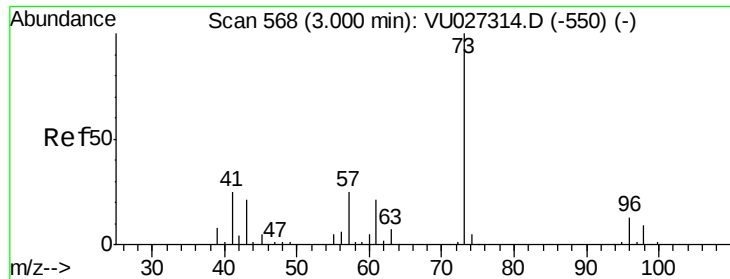
Tgt Ion: 76 Resp: 205362
Ion Ratio Lower Upper
76 100
78 9.2 7.3 10.9



#18
Methyl Acetate
Concen: 54.682 ug/l
RT: 2.62 min Scan# 449
Delta R.T. 0.00 min
Lab File: VU027458.D
Acq: 05 Oct 2018 17:13

Tgt Ion: 43 Resp: 154740
Ion Ratio Lower Upper
43 100
74 20.3 16.5 24.7

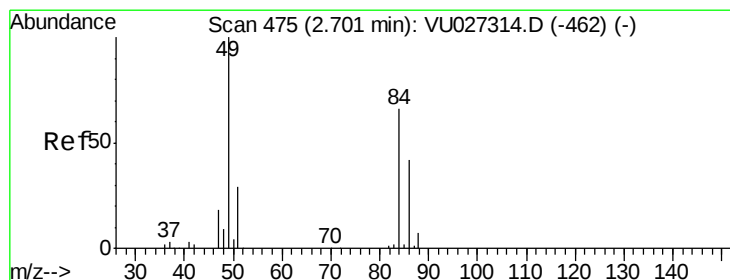
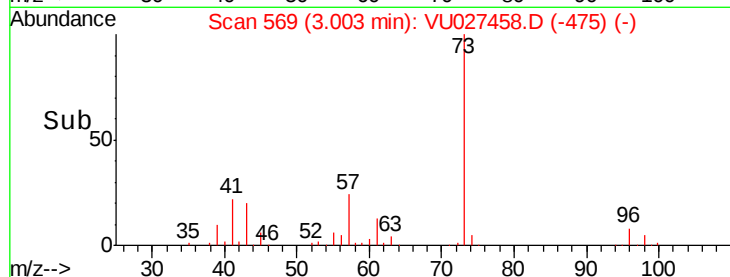
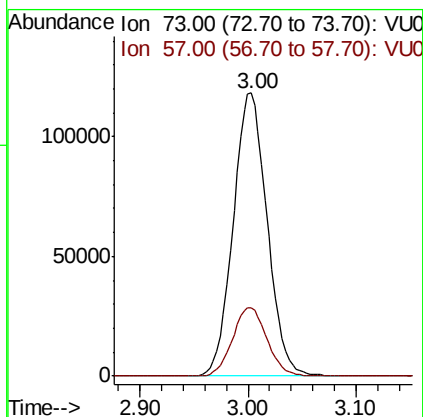
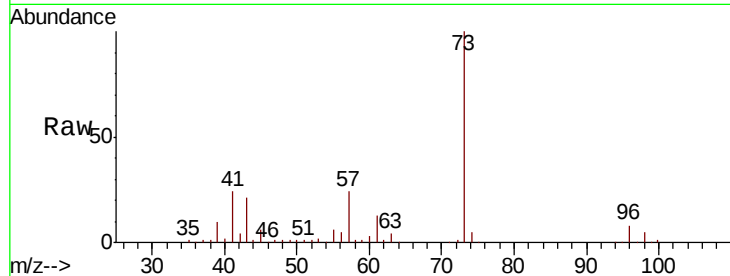




#19
Methyl tert-butyl Ether
Concen: 48.739 ug/l
RT: 3.00 min Scan# 569
Delta R.T. 0.00 min
Lab File: VU027458.D
Acq: 05 Oct 2018 17:13

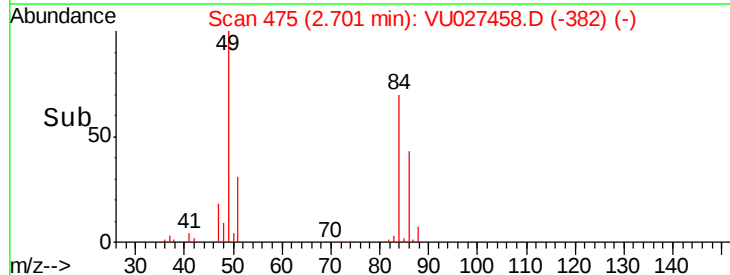
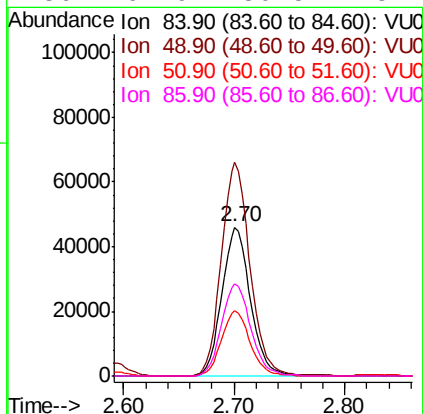
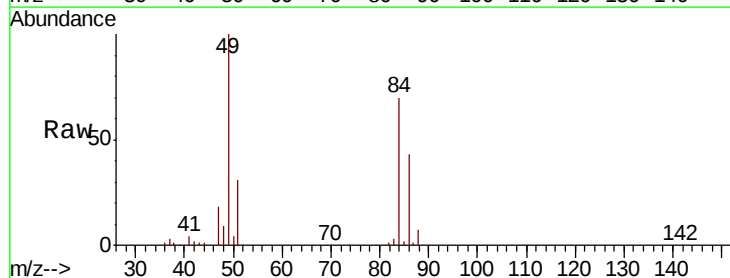
Instrument :
MSVOA_U
ClientSampled :
BFB

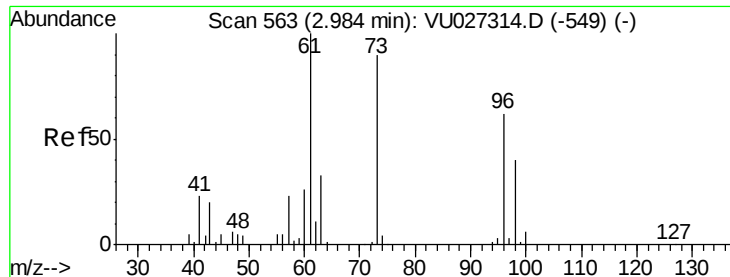
Tgt Ion: 73 Resp: 259396
Ion Ratio Lower Upper
73 100
57 24.1 20.0 30.0



#20
Methylene Chloride
Concen: 47.739 ug/l
RT: 2.70 min Scan# 475
Delta R.T. -0.00 min
Lab File: VU027458.D
Acq: 05 Oct 2018 17:13

Tgt Ion: 84 Resp: 82488
Ion Ratio Lower Upper
84 100
49 143.4 120.5 180.7
51 44.3 35.1 52.7
86 61.9 50.5 75.7





#21

trans-1,2-Dichloroethene

Concen: 47.941 ug/l

RT: 2.98 min Scan# 563

Delta R.T. -0.00 min

Lab File: VU027458.D

Acq: 05 Oct 2018 17:13

Instrument :

MSVOA_U

ClientSampleId :

BFB

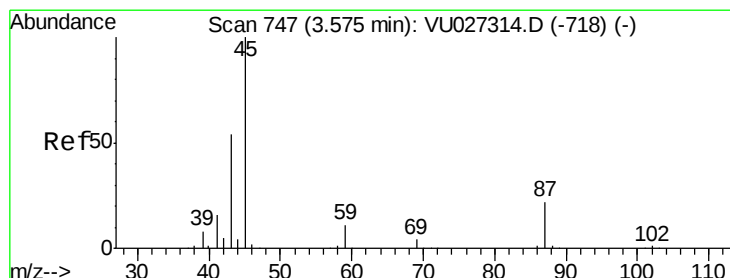
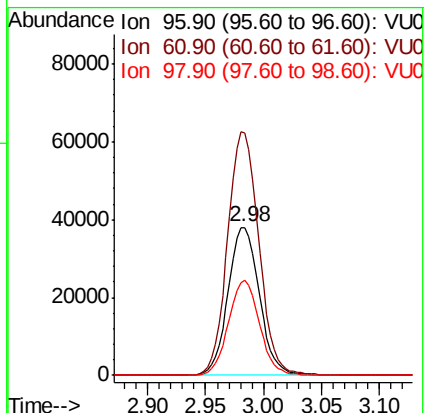
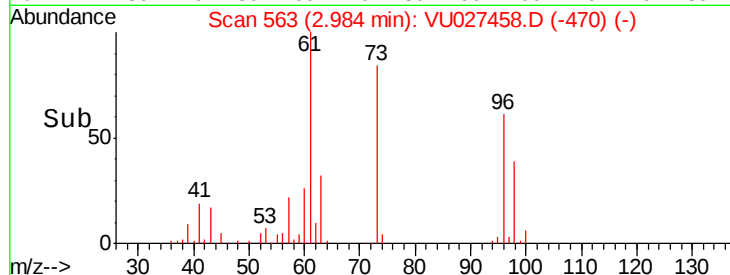
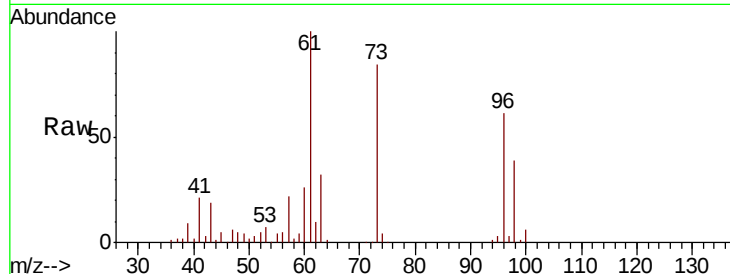
Tgt Ion: 96 Resp: 71493

Ion Ratio Lower Upper

96 100

61 163.9 129.4 194.2

98 64.0 51.2 76.8



#22

Diisopropyl ether

Concen: 48.879 ug/l

RT: 3.58 min Scan# 747

Delta R.T. -0.00 min

Lab File: VU027458.D

Acq: 05 Oct 2018 17:13

Tgt Ion: 45 Resp: 313363

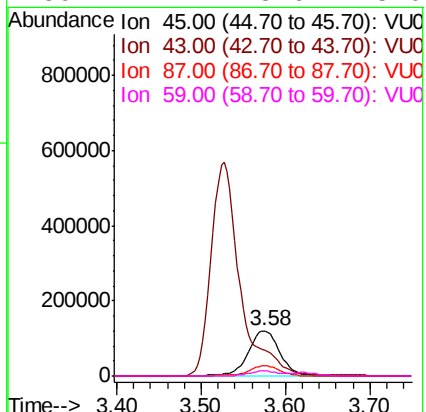
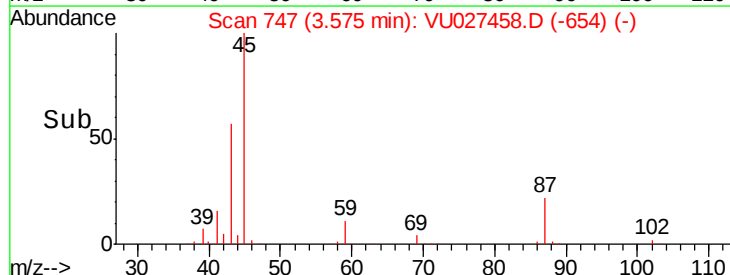
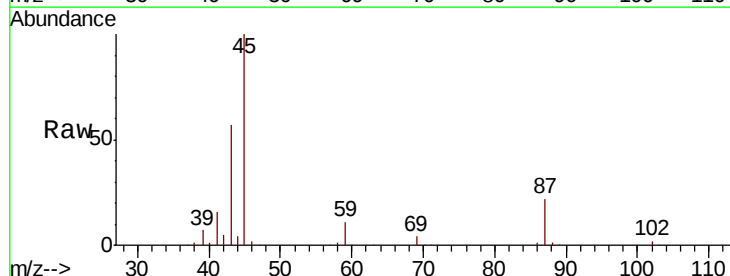
Ion Ratio Lower Upper

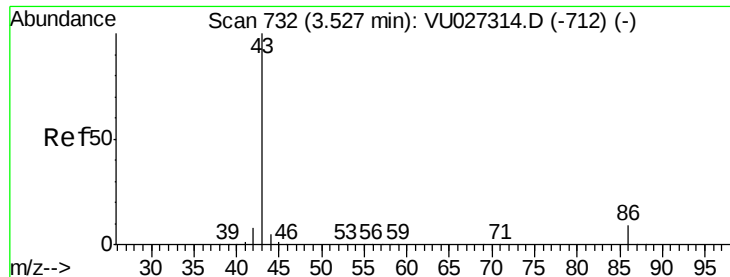
45 100

43 55.0 43.4 65.2

87 22.3 17.5 26.3

59 11.2 8.6 13.0





#23

Vinyl Acetate

Concen: 243.737 ug/l

RT: 3.53 min Scan# 732

Delta R.T. -0.00 min

Lab File: VU027458.D

Acq: 05 Oct 2018 17:13

Instrument :

MSVOA_U

ClientSampleId :

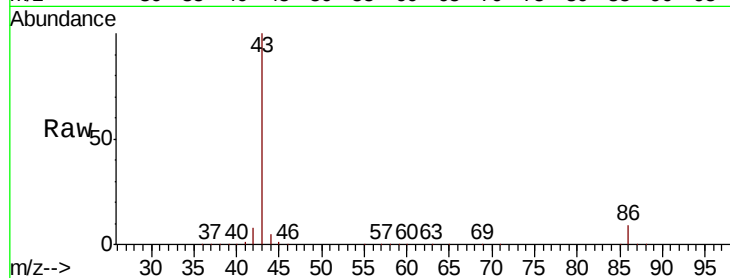
BFB

Tgt Ion: 43 Resp: 1364622

Ion Ratio Lower Upper

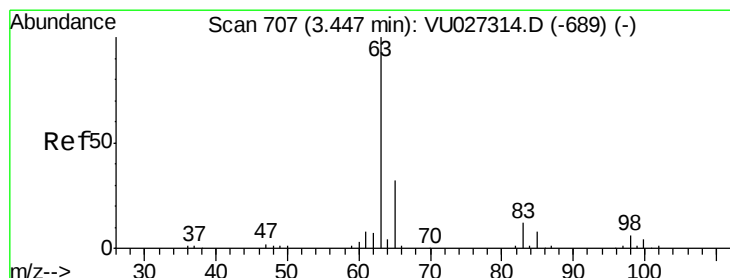
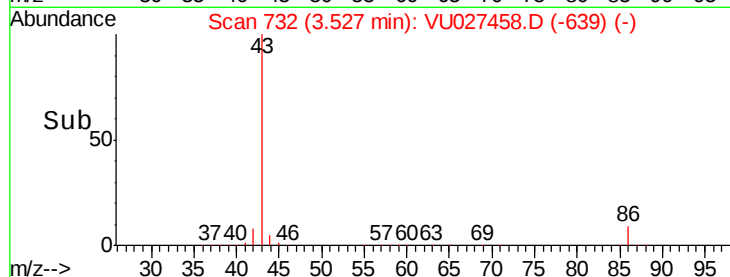
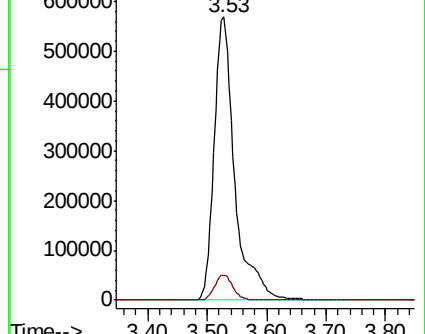
43 100

86 8.9 7.0 10.4



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 86.00 (85.70 to 86.70): VU0



#24

1,1-Dichloroethane

Concen: 48.429 ug/l

RT: 3.45 min Scan# 707

Delta R.T. -0.00 min

Lab File: VU027458.D

Acq: 05 Oct 2018 17:13

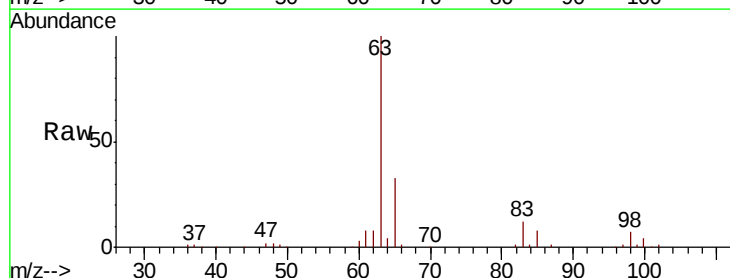
Tgt Ion: 63 Resp: 159608

Ion Ratio Lower Upper

63 100

98 6.6 3.0 9.2

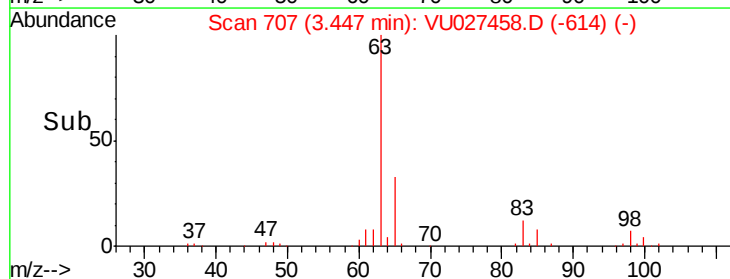
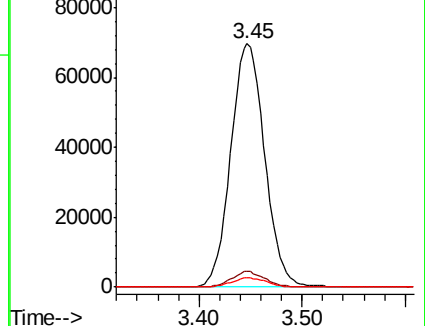
100 3.8 1.8 5.5

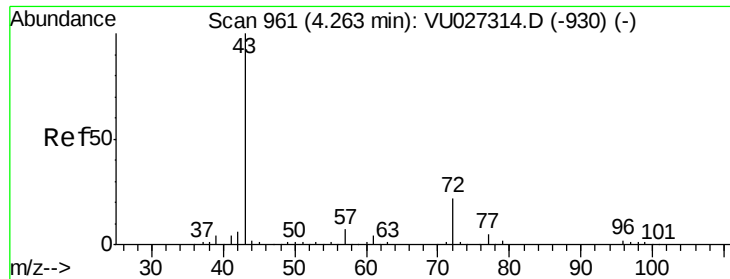


Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 97.90 (97.60 to 98.60): VU0

Ion 99.90 (99.60 to 100.60): VU0





#25

2-Butanone

Concen: 258.415 ug/l

RT: 4.26 min Scan# 961

Delta R.T. 0.00 min

Lab File: VU027458.D

Acq: 05 Oct 2018 17:13

Instrument :

MSVOA_U

ClientSampleId :

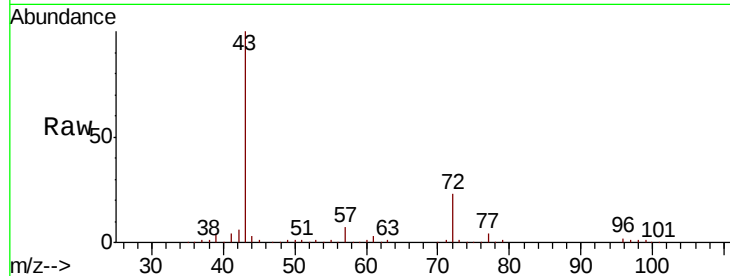
BFB

Tgt Ion: 43 Resp: 437127

Ion Ratio Lower Upper

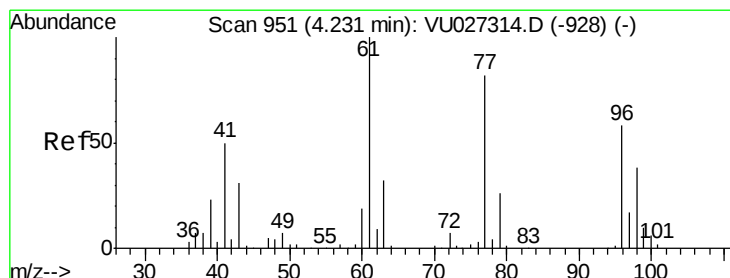
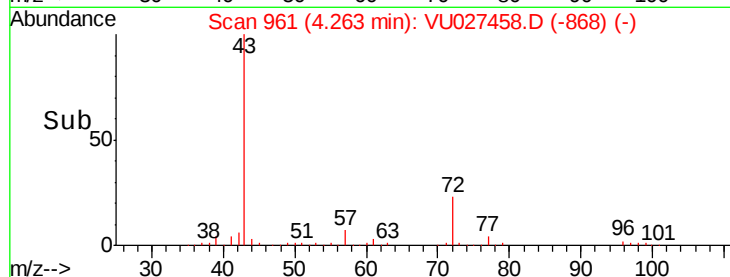
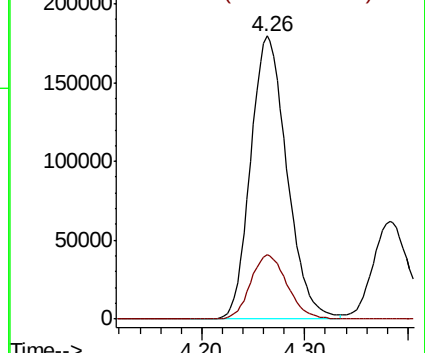
43 100

72 22.7 17.8 26.6



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 72.00 (71.70 to 72.70): VU0



#26

2,2-Dichloropropane

Concen: 46.082 ug/l

RT: 4.23 min Scan# 950

Delta R.T. -0.00 min

Lab File: VU027458.D

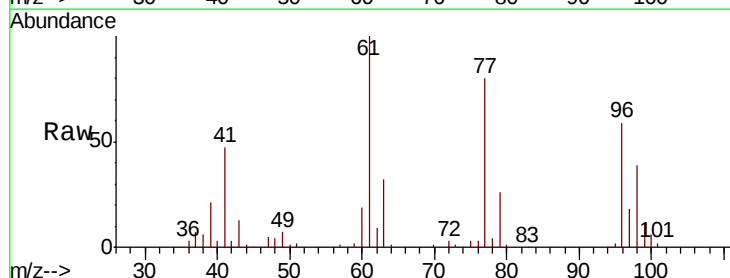
Acq: 05 Oct 2018 17:13

Tgt Ion: 77 Resp: 124793

Ion Ratio Lower Upper

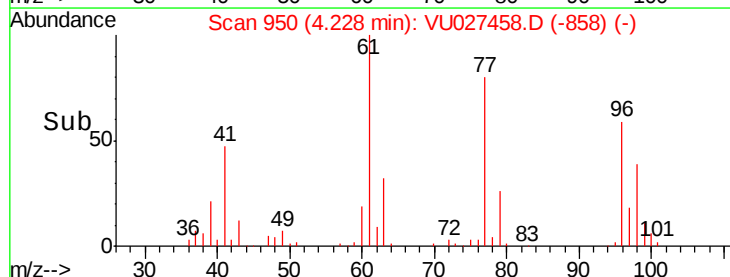
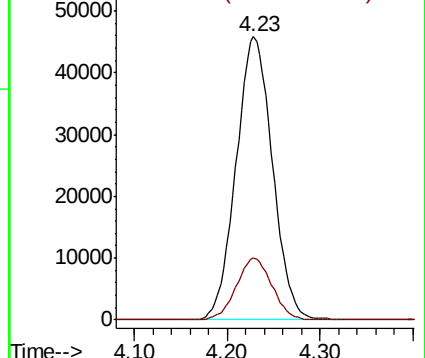
77 100

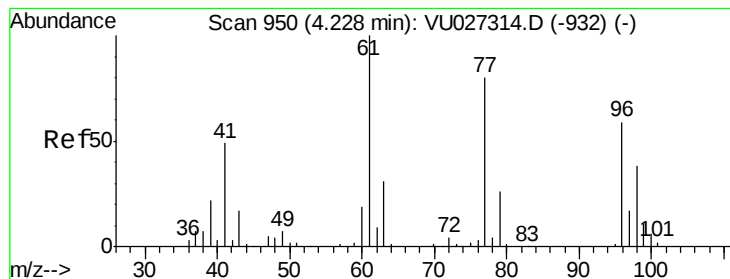
97 21.4 10.4 31.1



Abundance Ion 76.90 (76.60 to 77.60): VU0

Ion 96.90 (96.60 to 97.60): VU0



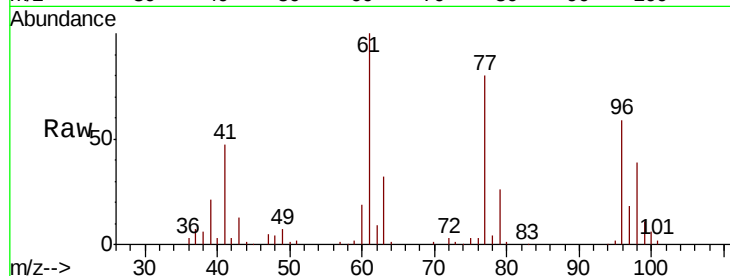


#27

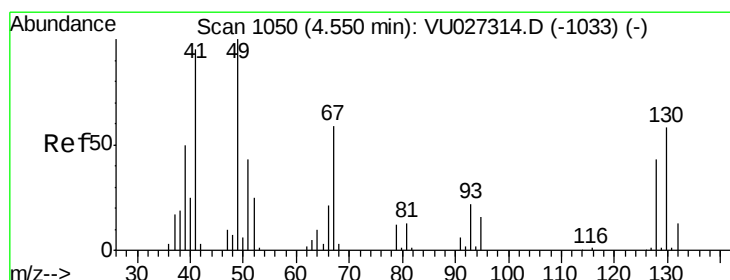
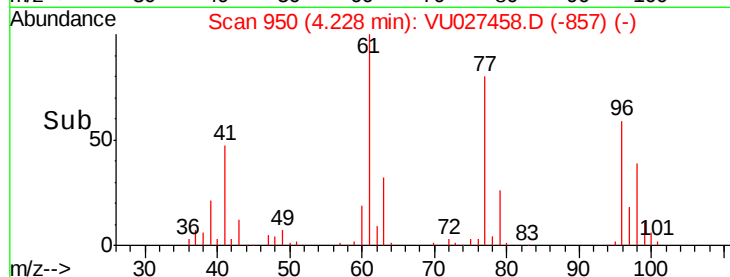
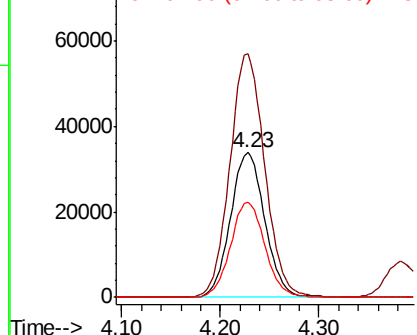
cis-1,2-Dichloroethene
Concen: 48.325 ug/l
RT: 4.23 min Scan# 950
Delta R.T. 0.00 min
Lab File: VU027458.D
Acq: 05 Oct 2018 17:13

Instrument :
MSVOA_U
ClientSampled :
BFB

Tgt Ion: 96 Resp: 82412
Ion Ratio Lower Upper
96 100
61 170.3 0.0 343.8
98 65.6 0.0 129.0



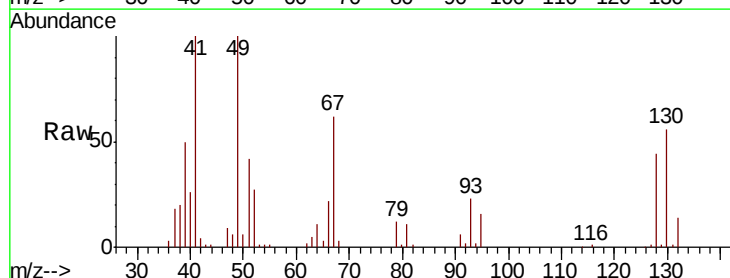
Abundance Ion 95.90 (95.60 to 96.60): VU0
Ion 60.90 (60.60 to 61.60): VU0
Ion 97.90 (97.60 to 98.60): VU0



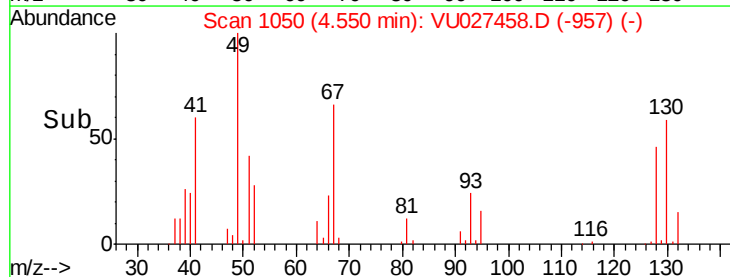
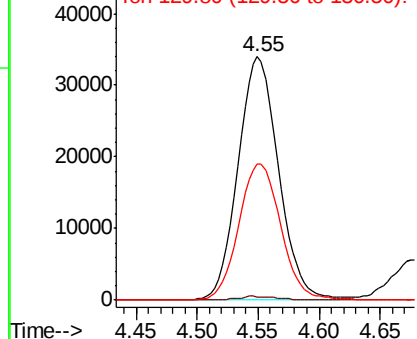
#28

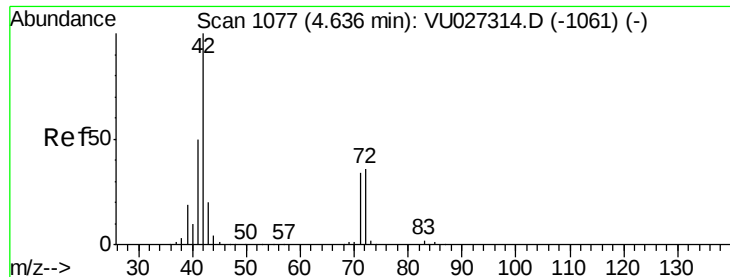
Bromochloromethane
Concen: 49.059 ug/l
RT: 4.55 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VU027458.D
Acq: 05 Oct 2018 17:13

Tgt Ion: 49 Resp: 78007
Ion Ratio Lower Upper
49 100
129 1.4 0.0 3.0
130 58.3 46.1 69.1



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: 256.054 ug/l

RT: 4.64 min Scan# 1078

Delta R.T. 0.00 min

Lab File: VU027458.D

Acq: 05 Oct 2018 17:13

Instrument :

MSVOA_U

ClientSampled :

BFB

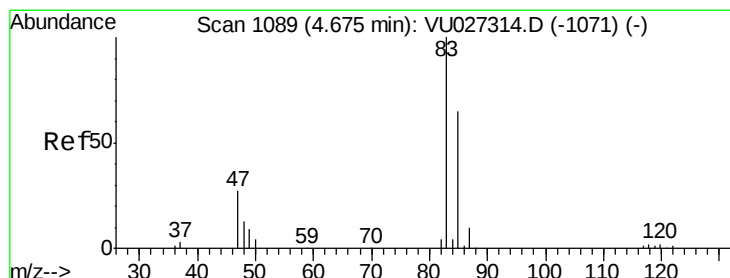
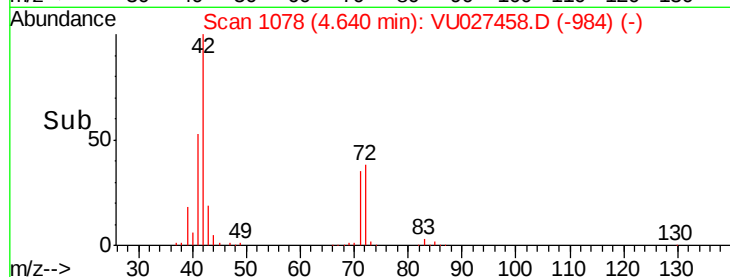
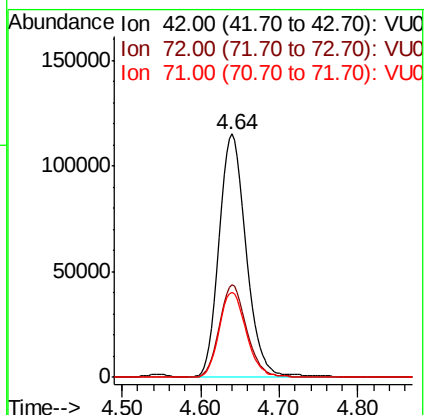
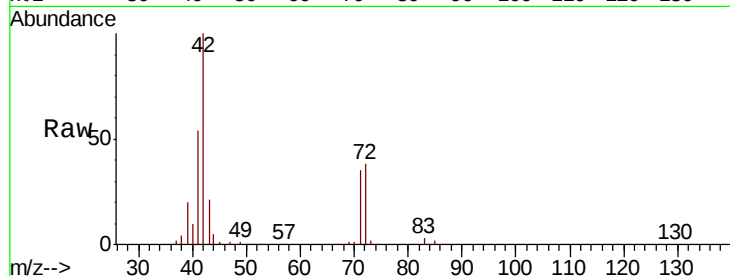
Tgt Ion: 42 Resp: 272966

Ion Ratio Lower Upper

42 100

72 38.0 30.1 45.1

71 35.2 27.7 41.5



#30

Chloroform

Concen: 48.921 ug/l

RT: 4.67 min Scan# 1089

Delta R.T. -0.00 min

Lab File: VU027458.D

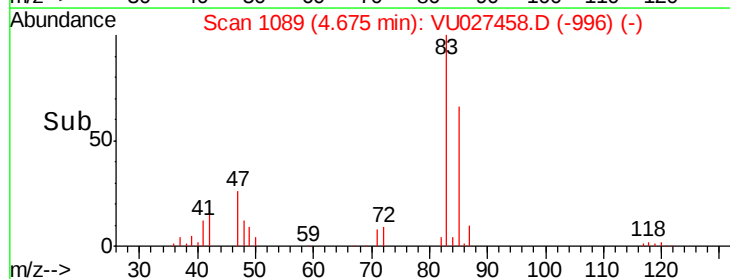
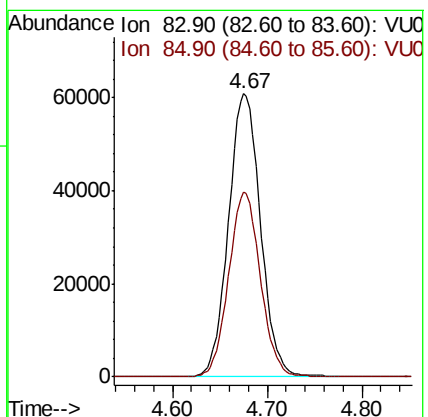
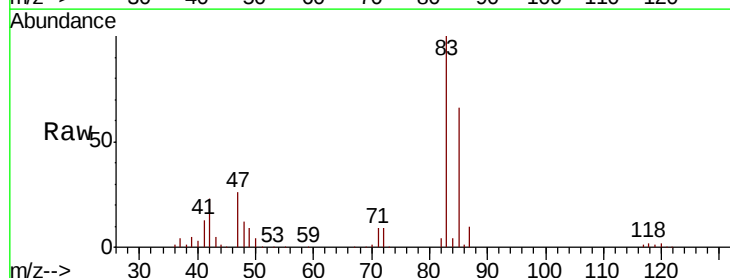
Acq: 05 Oct 2018 17:13

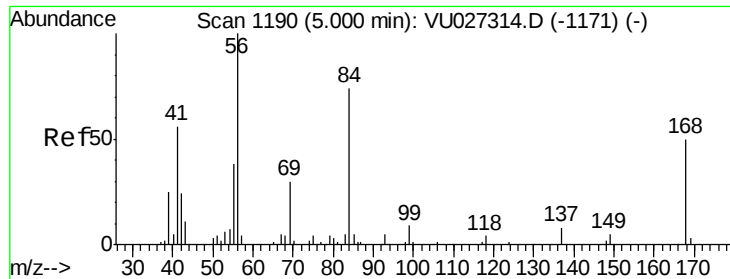
Tgt Ion: 83 Resp: 143247

Ion Ratio Lower Upper

83 100

85 65.5 51.8 77.6

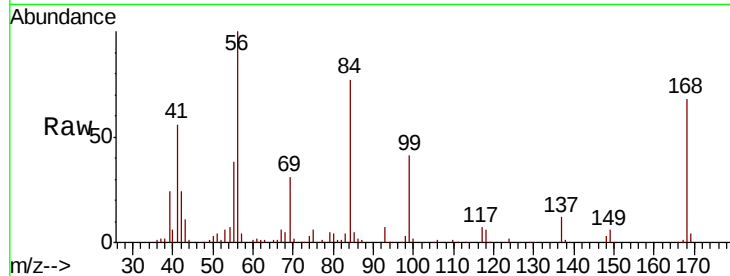




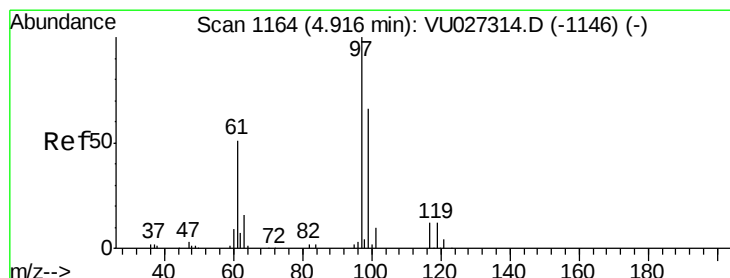
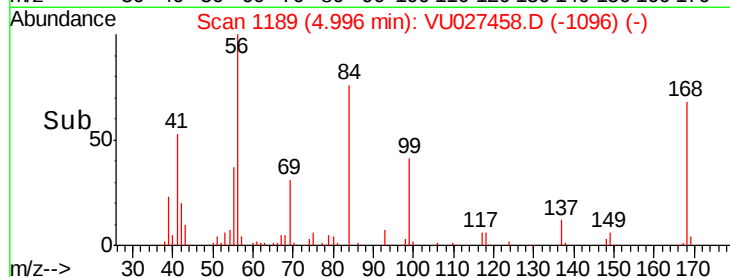
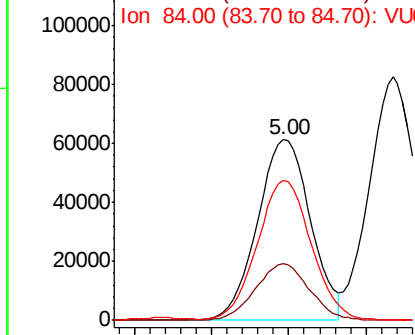
#31
Cyclohexane
Concen: 43.461 ug/l
RT: 5.00 min Scan# 1189
Delta R.T. -0.00 min
Lab File: VU027458.D
Acq: 05 Oct 2018 17:13

Instrument :
MSVOA_U
ClientSampleId :
BFB

Tgt Ion: 56 Resp: 146468
Ion Ratio Lower Upper
56 100
69 31.2 24.1 36.1
84 76.4 59.1 88.7

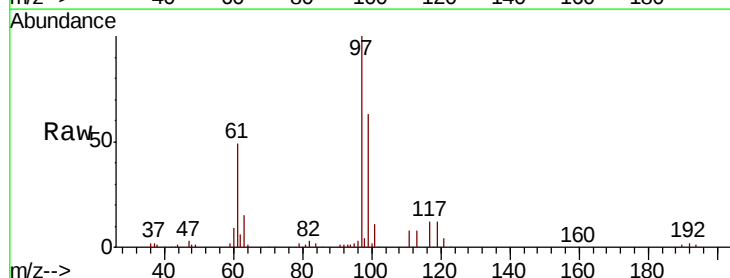


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

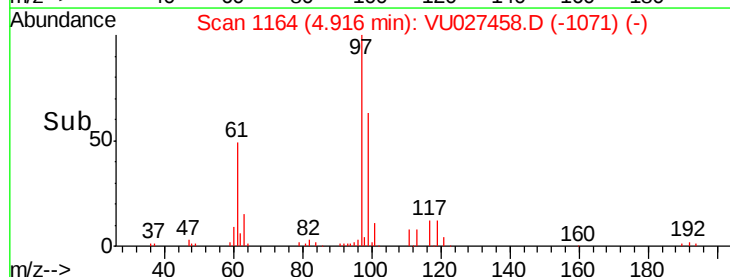
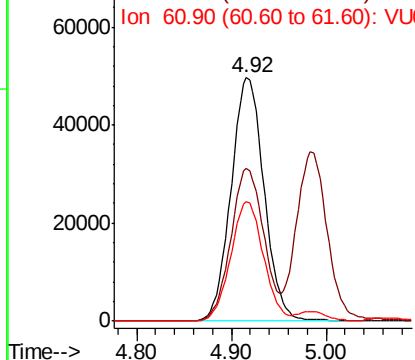


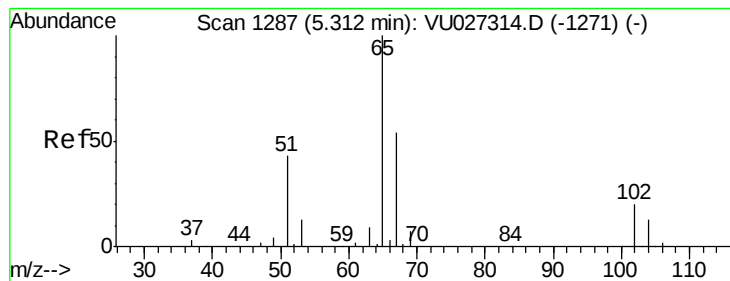
#32
1,1,1-Trichloroethane
Concen: 48.919 ug/l
RT: 4.92 min Scan# 1164
Delta R.T. -0.00 min
Lab File: VU027458.D
Acq: 05 Oct 2018 17:13

Tgt Ion: 97 Resp: 120640
Ion Ratio Lower Upper
97 100
99 62.5 51.1 76.7
61 48.8 39.6 59.4



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: 41.513 ug/l

RT: 5.31 min Scan# 1286

Delta R.T. -0.00 min

Lab File: VU027458.D

Acq: 05 Oct 2018 17:13

Instrument :

MSVOA_U

ClientSampleId :

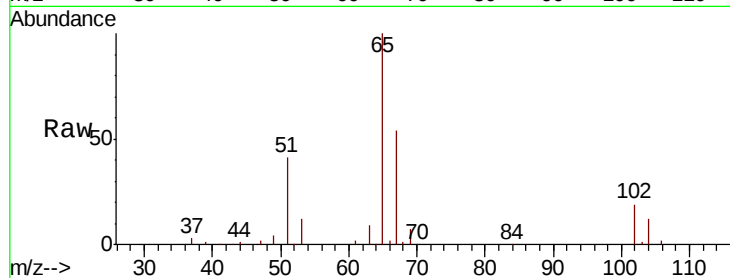
BFB

Tgt Ion: 65 Resp: 87168

Ion Ratio Lower Upper

65 100

67 53.5 0.0 107.8



Abundance Ion 64.90 (64.60 to 65.60): VU027314.D (-1271) (-)

Ion 66.90 (66.60 to 67.60): VU027314.D (-1271) (-)

5.31

40000

30000

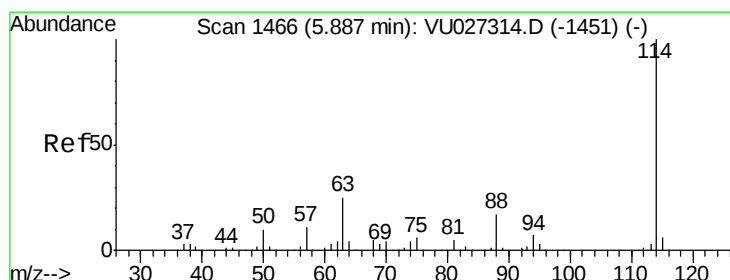
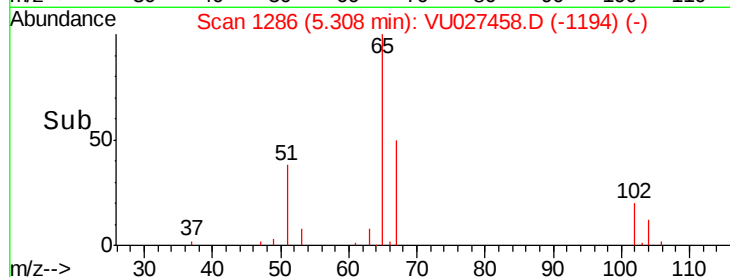
20000

10000

0

5.25 5.30 5.35 5.40

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.89 min Scan# 1466

Delta R.T. -0.00 min

Lab File: VU027458.D

Acq: 05 Oct 2018 17:13

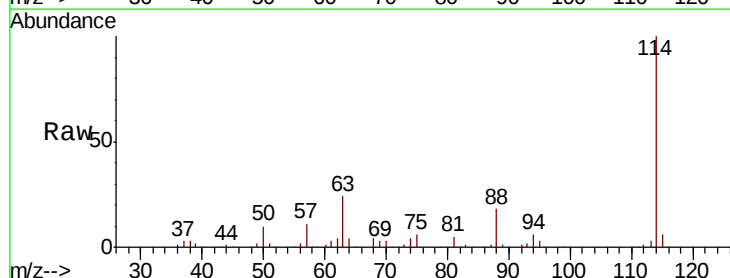
Tgt Ion: 114 Resp: 217317

Ion Ratio Lower Upper

114 100

63 24.4 0.0 50.2

88 17.5 0.0 33.8



Abundance Ion 113.90 (113.60 to 114.60): VU027314.D (-1451) (-)

Ion 63.00 (62.70 to 63.70): VU027314.D (-1451) (-)

Ion 87.90 (87.60 to 88.60): VU027314.D (-1451) (-)

150000

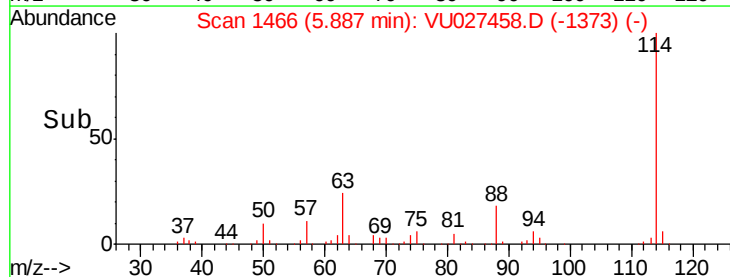
100000

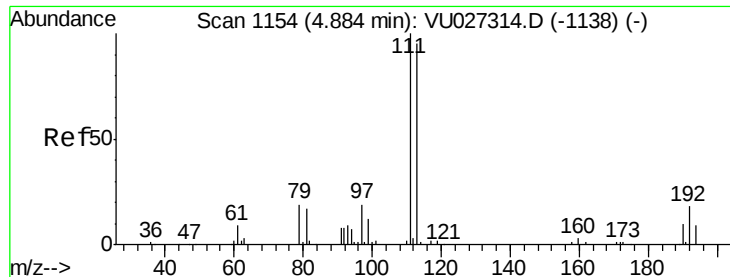
50000

0

5.80 5.90 6.00

Time-->

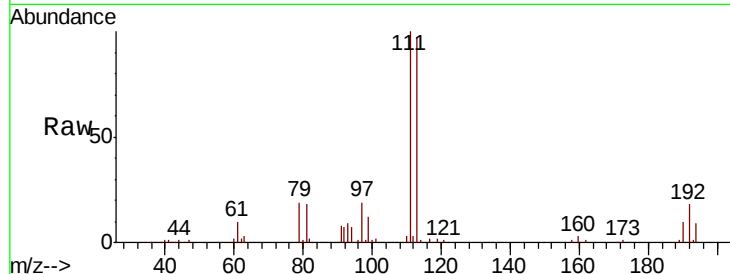




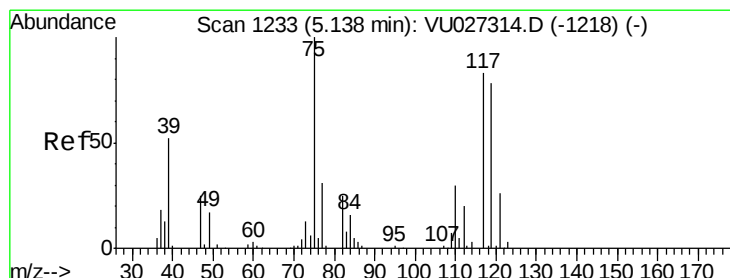
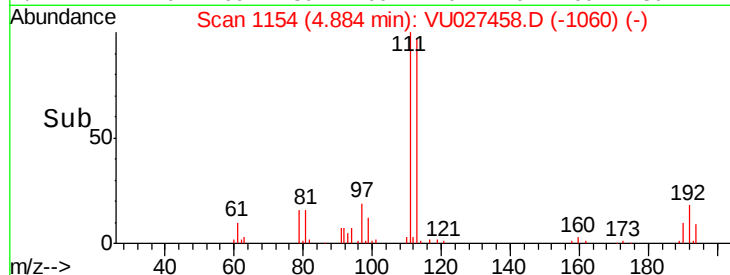
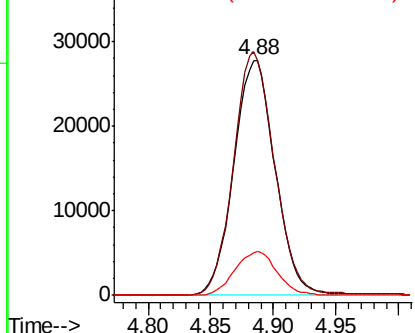
#35
 Dibromofluoromethane
 Concen: 42.791 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: VU027458.D
 Acq: 05 Oct 2018 17:13

Instrument :
 MSVOA_U
 ClientSampleId :
 BFB

Tgt Ion:113 Resp: 63730
 Ion Ratio Lower Upper
 113 100
 111 102.3 83.1 124.7
 192 19.0 15.4 23.0

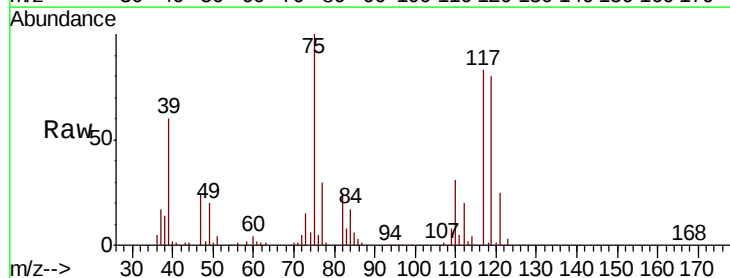


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

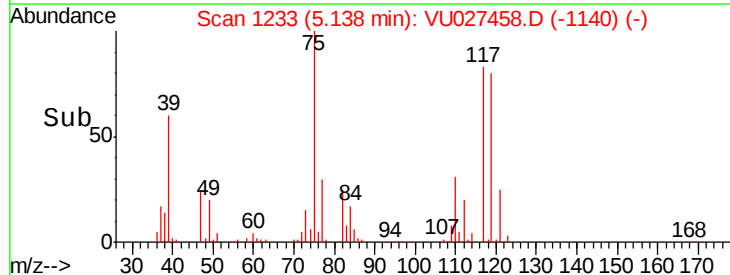
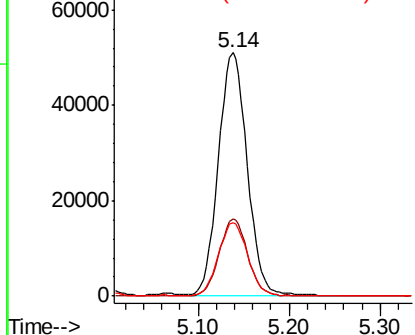


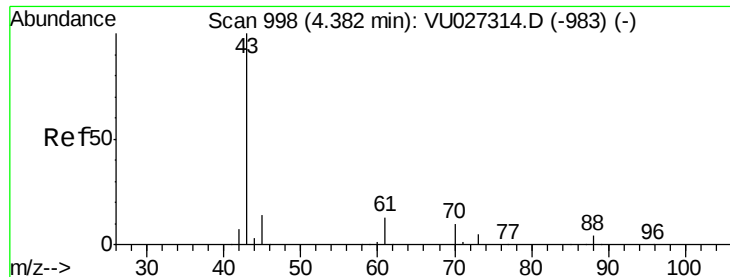
#36
 1,1-Dichloropropene
 Concen: 47.325 ug/l
 RT: 5.14 min Scan# 1233
 Delta R.T. -0.00 min
 Lab File: VU027458.D
 Acq: 05 Oct 2018 17:13

Tgt Ion: 75 Resp: 111666
 Ion Ratio Lower Upper
 75 100
 110 31.4 15.5 46.5
 77 30.9 25.4 38.0



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: 49.841 ug/l

RT: 4.38 min Scan# 998

Delta R.T. 0.00 min

Lab File: VU027458.D

Acq: 05 Oct 2018 17:13

Instrument :

MSVOA_U

ClientSampled :

BFB

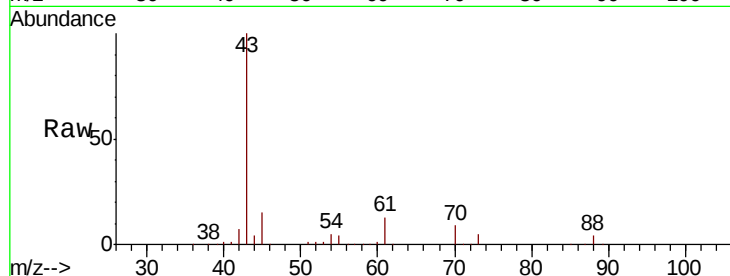
Tgt Ion: 43 Resp: 151991

Ion Ratio Lower Upper

43 100

61 13.1 10.7 16.1

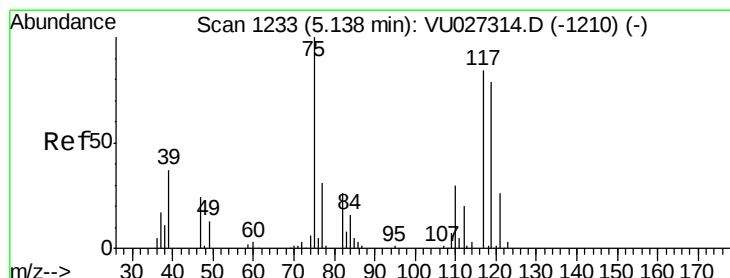
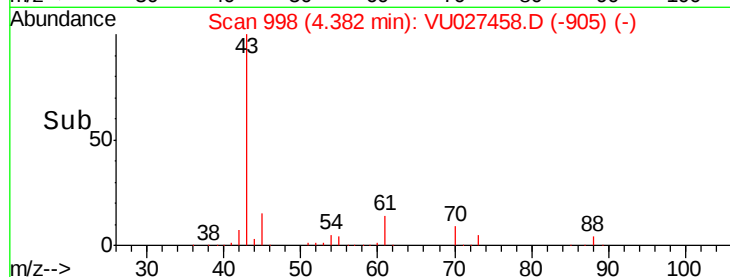
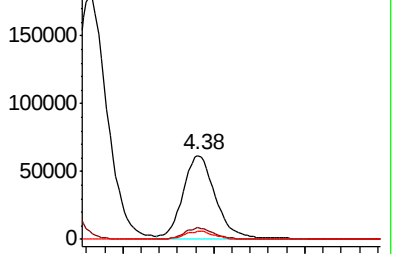
70 9.0 7.4 11.2



Abundance Ion 43.00 (42.70 to 43.70): VU027314.D (-983) (-)

Ion 60.90 (60.60 to 61.60): VU027314.D (-983) (-)

Ion 70.00 (69.70 to 70.70): VU027314.D (-983) (-)



#38

Carbon Tetrachloride

Concen: 46.893 ug/l

RT: 5.13 min Scan# 1232

Delta R.T. -0.00 min

Lab File: VU027458.D

Acq: 05 Oct 2018 17:13

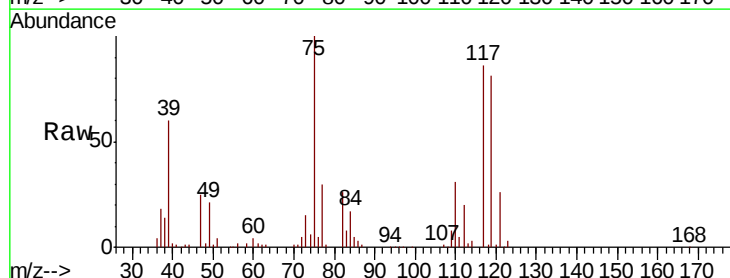
Tgt Ion: 117 Resp: 99949

Ion Ratio Lower Upper

117 100

119 95.1 74.5 111.7

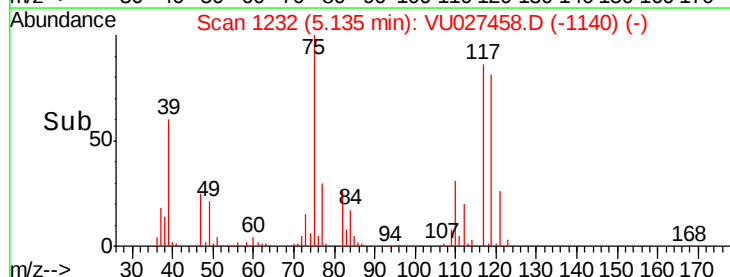
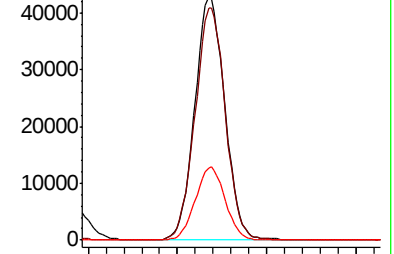
121 29.9 24.6 37.0

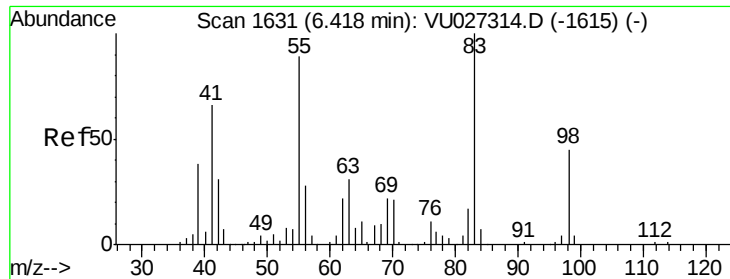


Abundance Ion 116.80 (116.50 to 117.50): VU027314.D (-1210) (-)

Ion 118.80 (118.50 to 119.50): VU027314.D (-1210) (-)

Ion 120.80 (120.50 to 121.50): VU027314.D (-1210) (-)

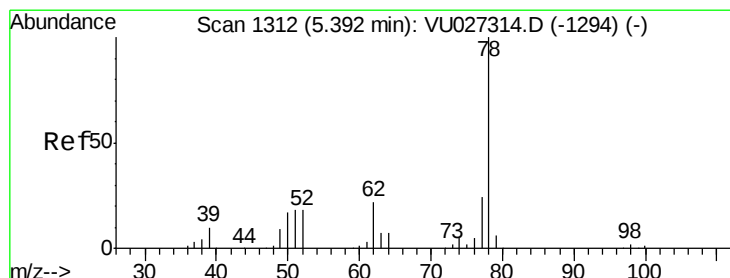
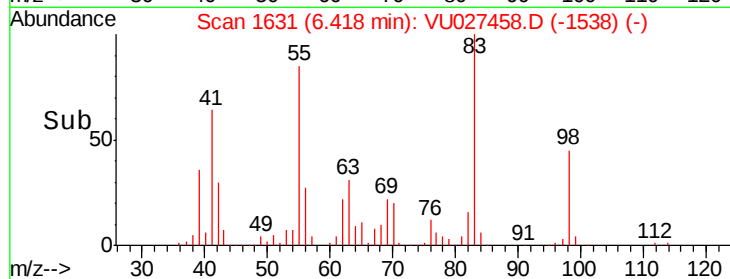
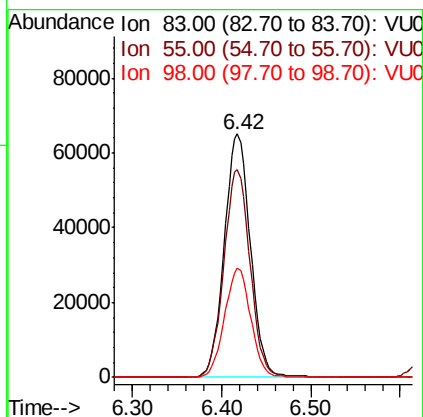
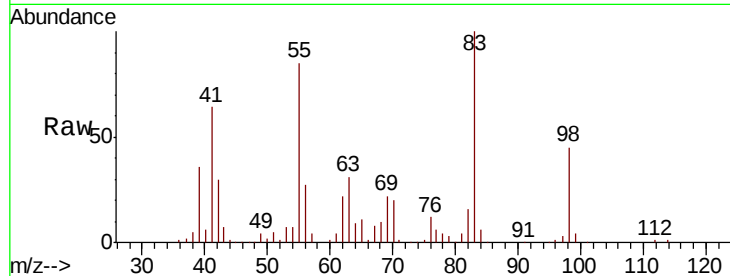




#39
Methylcyclohexane
Concen: 47.918 ug/l
RT: 6.42 min Scan# 1631
Delta R.T. 0.00 min
Lab File: VU027458.D
Acq: 05 Oct 2018 17:13

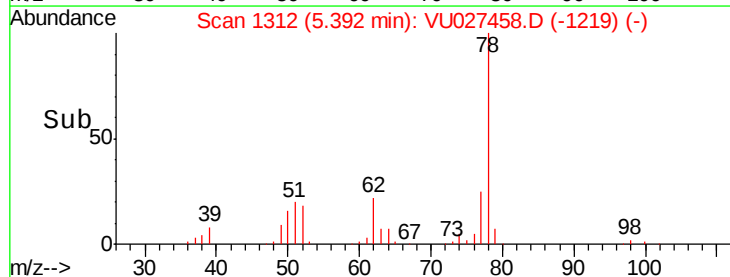
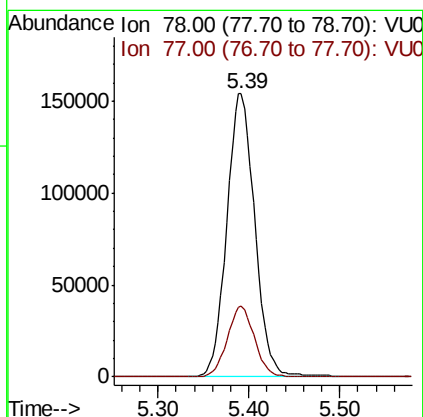
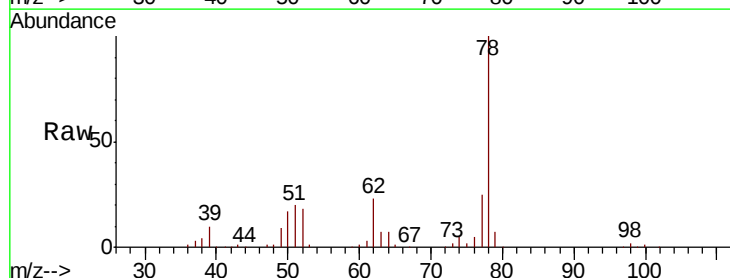
Instrument :
MSVOA_U
ClientSampled :
BFB

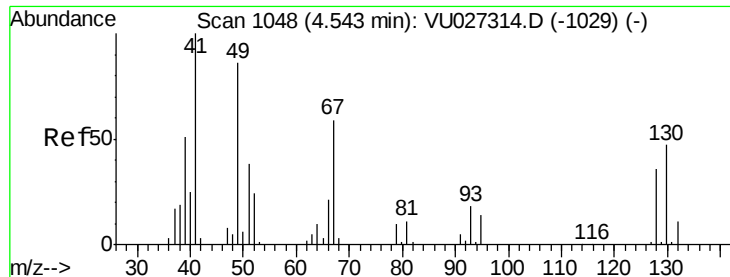
Tgt Ion: 83 Resp: 132170
Ion Ratio Lower Upper
83 100
55 85.1 71.1 106.7
98 44.6 36.3 54.5



#40
Benzene
Concen: 47.841 ug/l
RT: 5.39 min Scan# 1312
Delta R.T. 0.00 min
Lab File: VU027458.D
Acq: 05 Oct 2018 17:13

Tgt Ion: 78 Resp: 328821
Ion Ratio Lower Upper
78 100
77 24.8 19.3 28.9

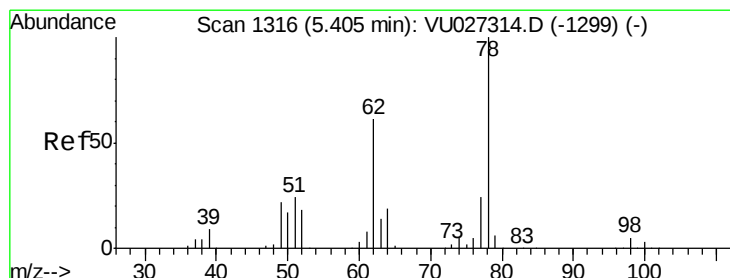
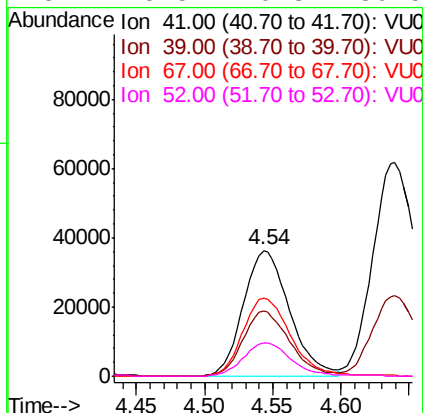
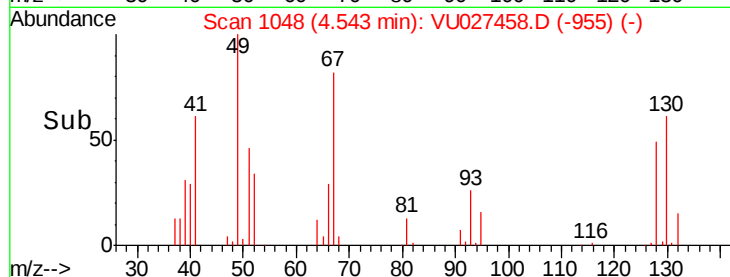
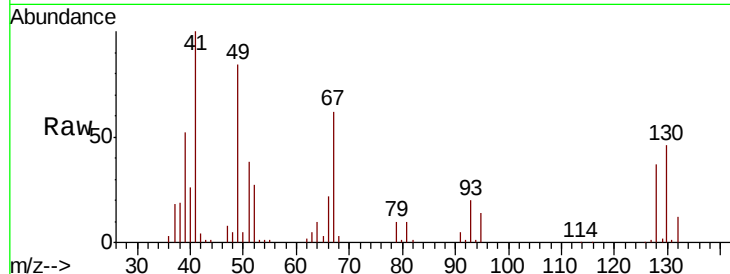




#41
Methacrylonitrile
Concen: 49.653 ug/l
RT: 4.54 min Scan# 1048
Delta R.T. 0.00 min
Lab File: VU027458.D
Acq: 05 Oct 2018 17:13

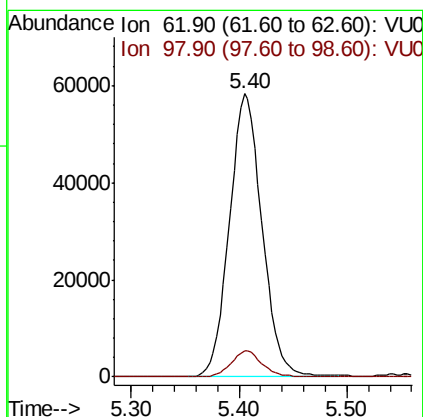
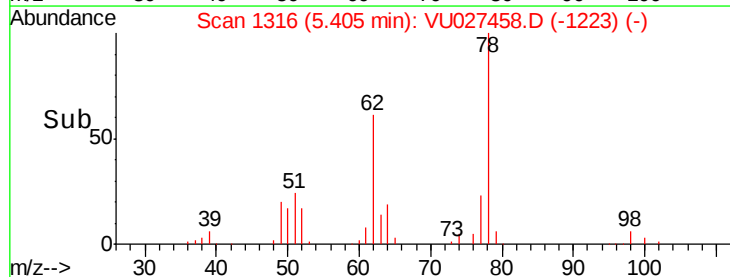
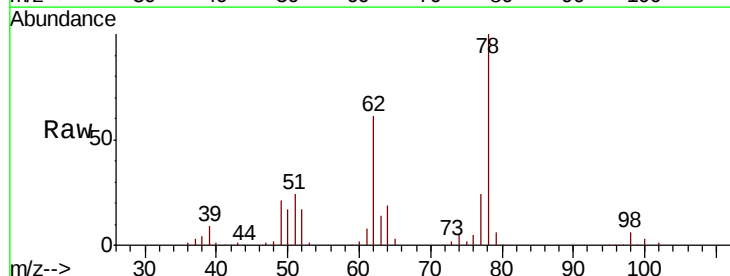
Instrument :
MSVOA_U
ClientSampleId :
BFB

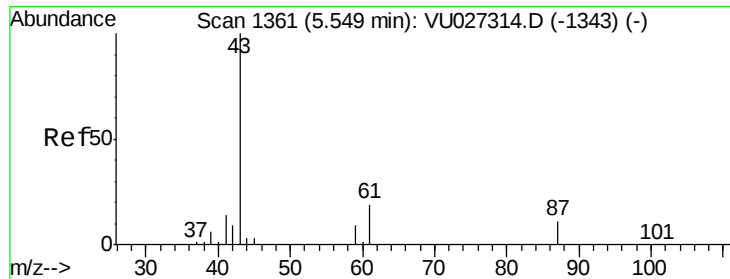
Tgt Ion:	41	Resp:	85584
Ion	Ratio	Lower	Upper
41	100		
39	52.3	41.1	61.7
67	63.9	50.4	75.6
52	26.5	20.3	30.5



#42
1,2-Dichloroethane
Concen: 48.239 ug/l
RT: 5.40 min Scan# 1316
Delta R.T. 0.00 min
Lab File: VU027458.D
Acq: 05 Oct 2018 17:13

Tgt Ion:	62	Resp:	123071
Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	16.8

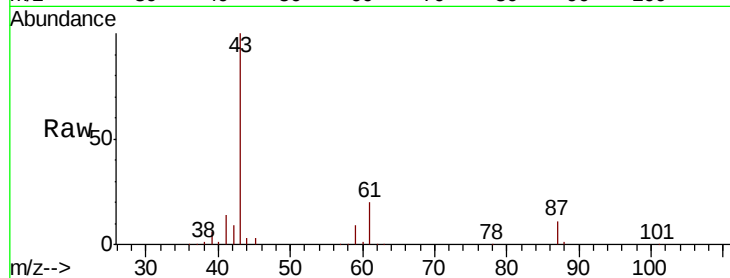




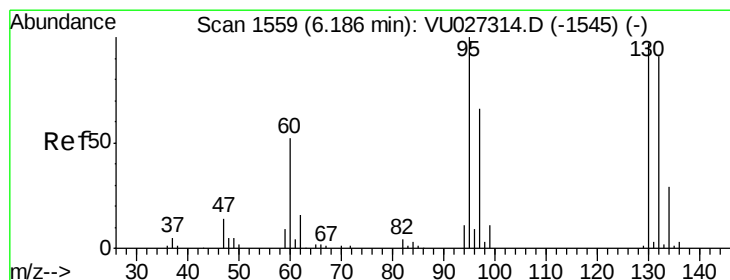
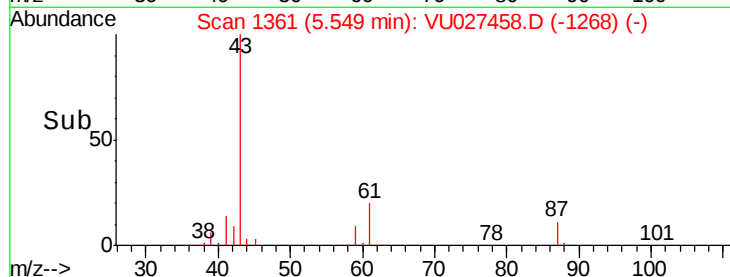
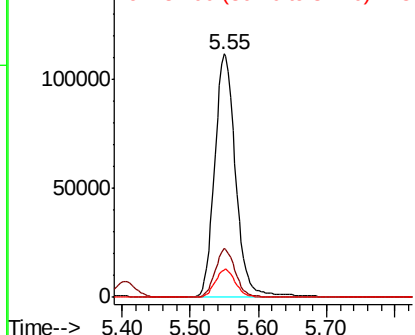
#43
Isopropyl Acetate
Concen: 50.124 ug/l
RT: 5.55 min Scan# 1361
Delta R.T. 0.00 min
Lab File: VU027458.D
Acq: 05 Oct 2018 17:13

Instrument :
MSVOA_U
ClientSampled :
BFB

Tgt Ion: 43 Resp: 237400
Ion Ratio Lower Upper
43 100
61 19.3 15.3 22.9
87 11.2 8.6 13.0

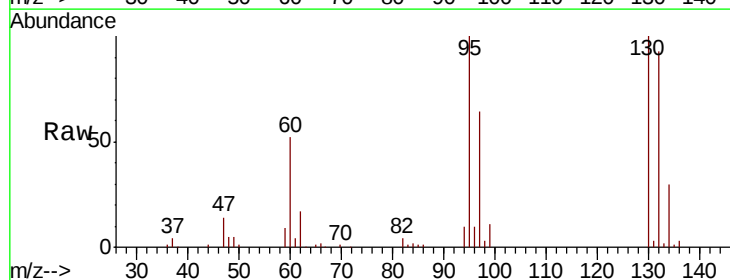


Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 61.00 (60.70 to 61.70): VU0
Ion 87.00 (86.70 to 87.70): VU0

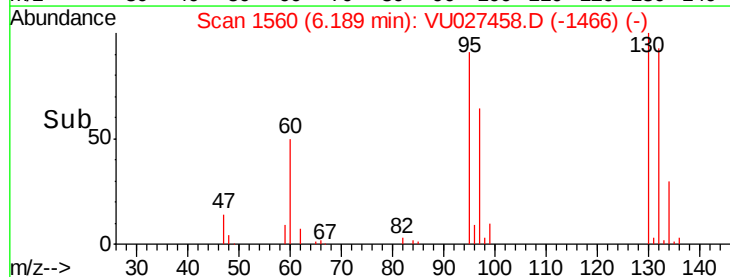
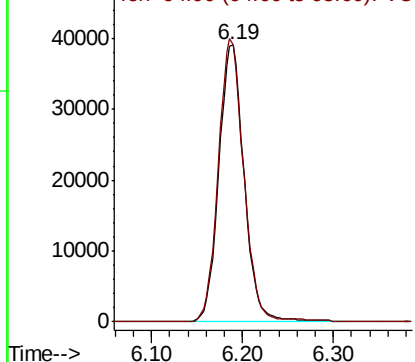


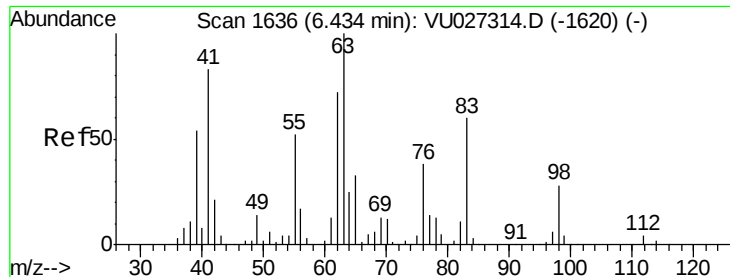
#44
Trichloroethene
Concen: 49.319 ug/l
RT: 6.19 min Scan# 1560
Delta R.T. 0.00 min
Lab File: VU027458.D
Acq: 05 Oct 2018 17:13

Tgt Ion: 130 Resp: 75586
Ion Ratio Lower Upper
130 100
95 99.8 0.0 207.0



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VU0

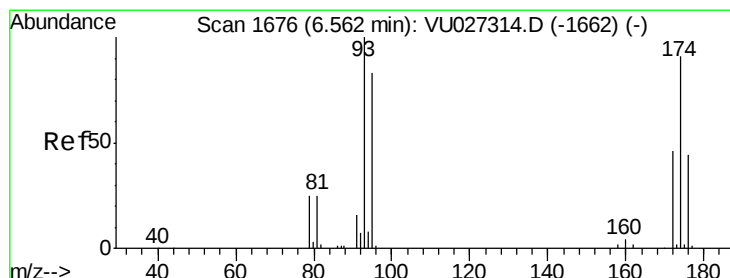
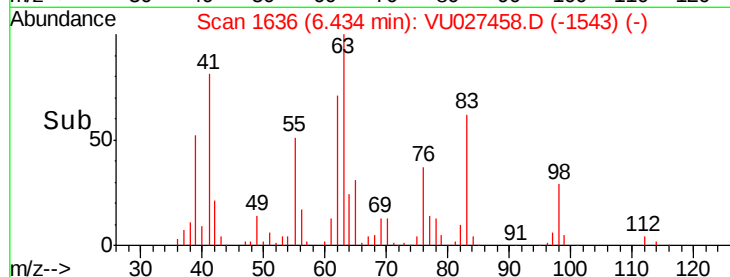
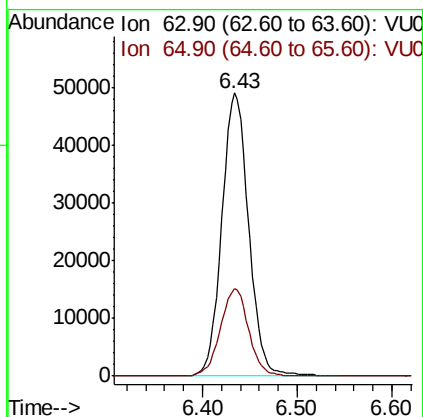
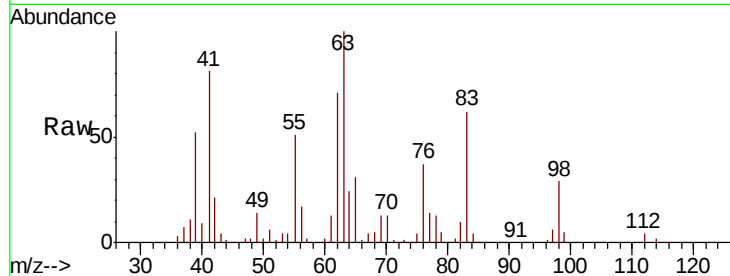




#45
 1,2-Dichloropropane
 Concen: 48.766 ug/l
 RT: 6.43 min Scan# 1636
 Delta R.T. 0.00 min
 Lab File: VU027458.D
 Acq: 05 Oct 2018 17:13

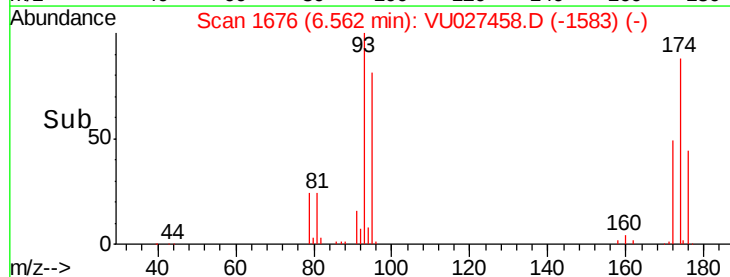
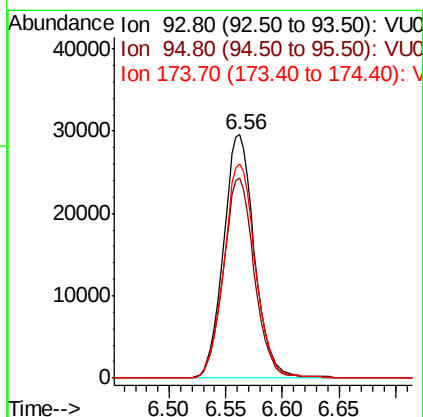
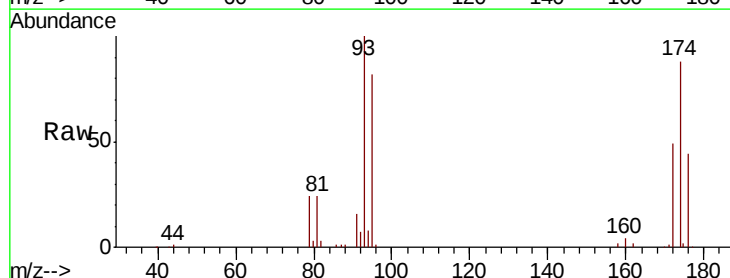
Instrument :
 MSVOA_U
 ClientSampled :
 BFB

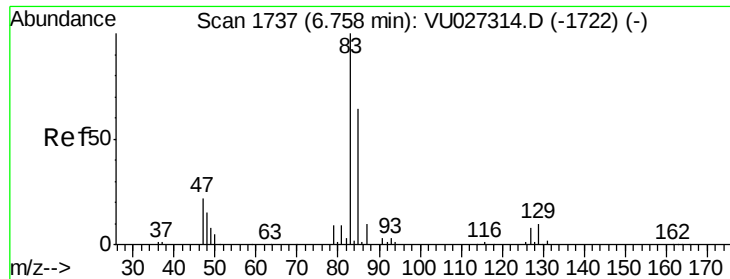
Tgt Ion: 63 Resp: 96676
 Ion Ratio Lower Upper
 63 100
 65 30.8 26.0 39.0



#46
 Dibromomethane
 Concen: 50.195 ug/l
 RT: 6.56 min Scan# 1676
 Delta R.T. -0.00 min
 Lab File: VU027458.D
 Acq: 05 Oct 2018 17:13

Tgt Ion: 93 Resp: 56201
 Ion Ratio Lower Upper
 93 100
 95 82.2 66.5 99.7
 174 89.5 72.5 108.7





#47

Bromodichloromethane

Concen: 48.104 ug/l

RT: 6.76 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VU027458.D

Acq: 05 Oct 2018 17:13

Instrument :

MSVOA_U

ClientSampleId :

BFB

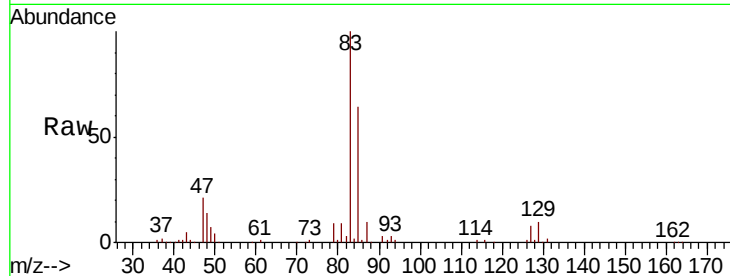
Tgt Ion: 83 Resp: 111759

Ion Ratio Lower Upper

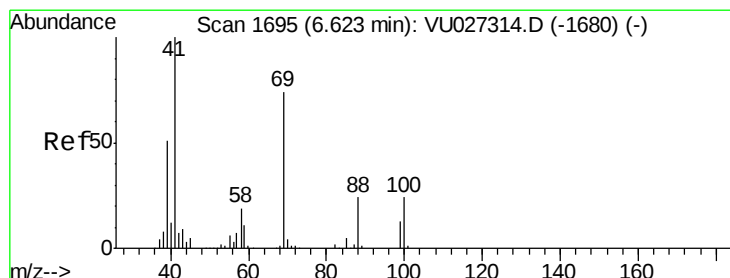
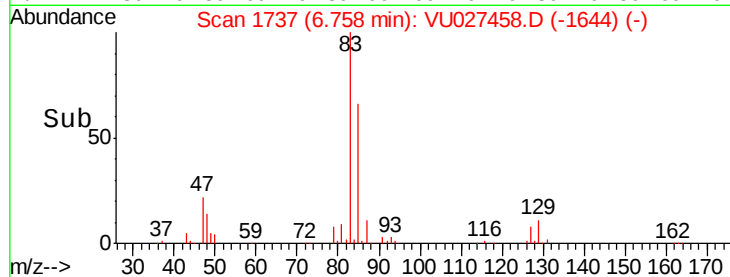
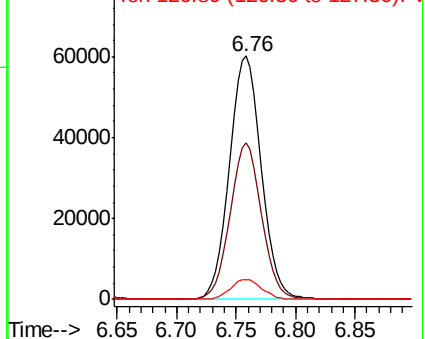
83 100

85 64.3 51.4 77.0

127 8.0 6.3 9.5



Abundance Ion 82.90 (82.60 to 83.60): VU0
Ion 84.90 (84.60 to 85.60): VU0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 50.545 ug/l

RT: 6.62 min Scan# 1695

Delta R.T. 0.00 min

Lab File: VU027458.D

Acq: 05 Oct 2018 17:13

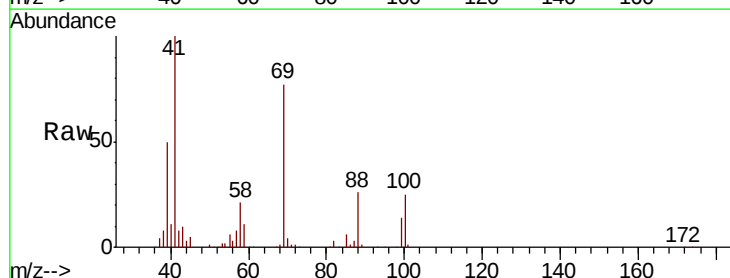
Tgt Ion: 41 Resp: 119047

Ion Ratio Lower Upper

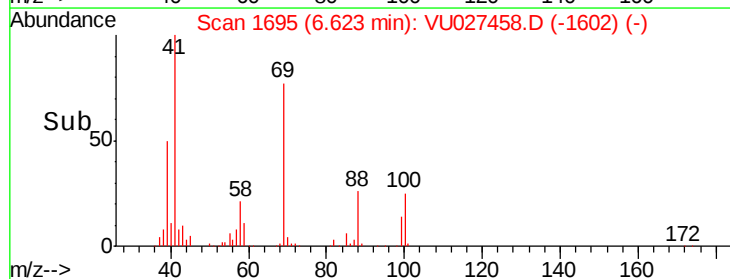
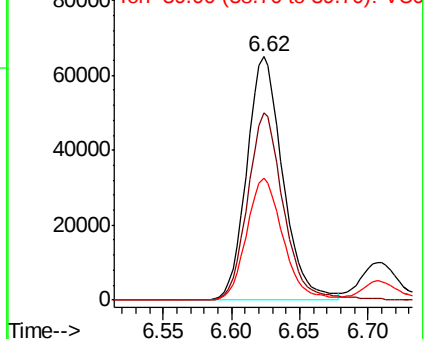
41 100

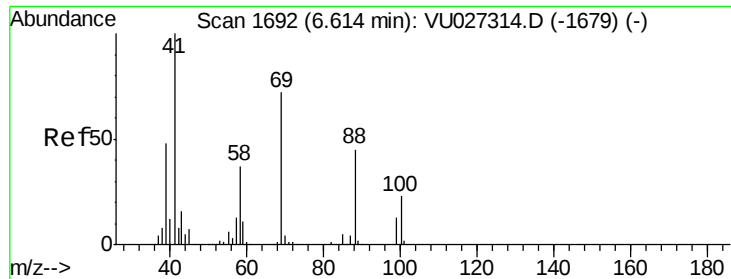
69 76.9 61.0 91.4

39 50.0 39.9 59.9



Abundance Ion 41.00 (40.70 to 41.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 39.00 (38.70 to 39.70): VU0

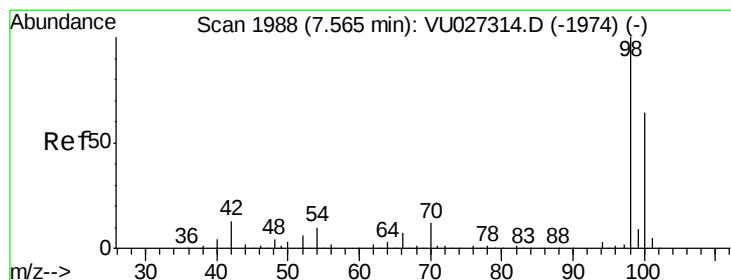
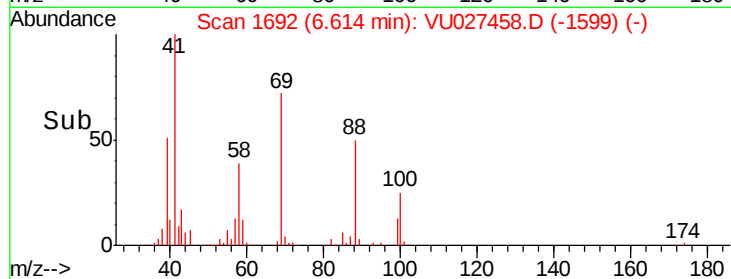
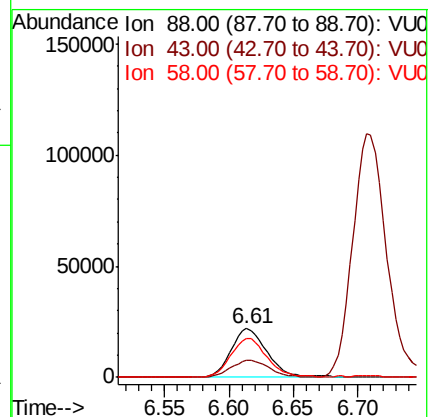
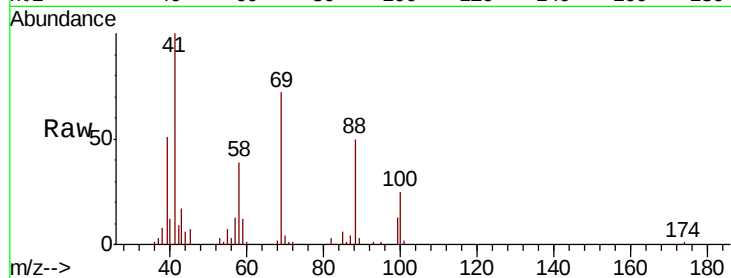




#49
1,4-Dioxane
Concen: 1042.442 ug/l
RT: 6.61 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VU027458.D
Acq: 05 Oct 2018 17:13

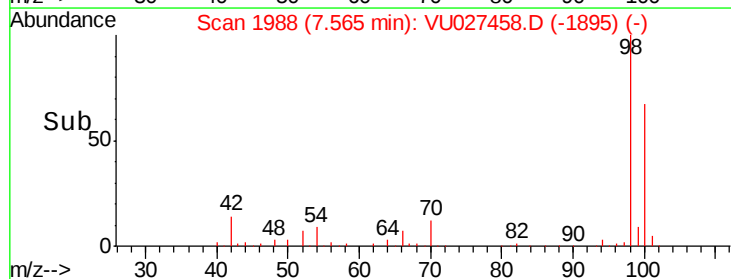
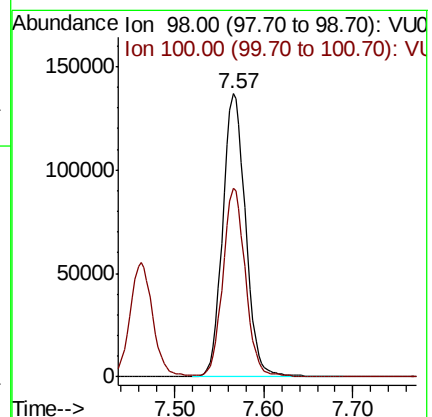
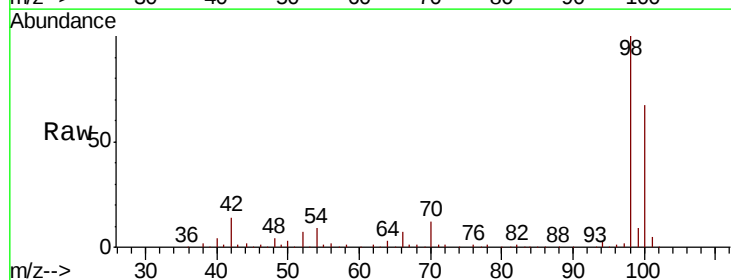
Instrument :
MSVOA_U
ClientSampled :
BFB

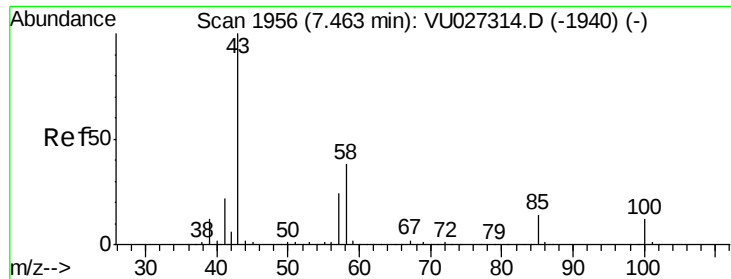
Tgt Ion: 88 Resp: 42244
Ion Ratio Lower Upper
88 100
43 37.5 30.8 46.2
58 80.6 67.0 100.6



#50
Toluene-d8
Concen: 43.685 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. 0.00 min
Lab File: VU027458.D
Acq: 05 Oct 2018 17:13

Tgt Ion: 98 Resp: 243506
Ion Ratio Lower Upper
98 100
100 65.5 52.1 78.1

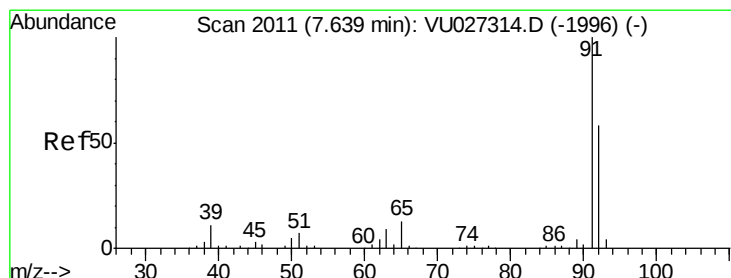
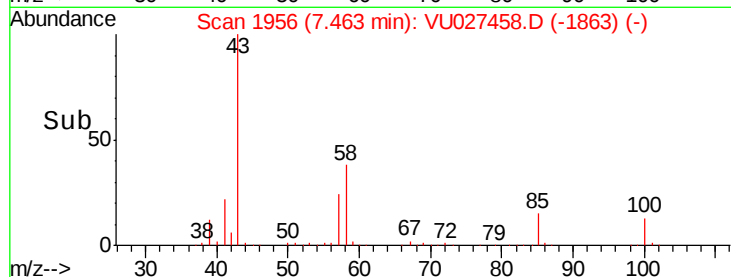
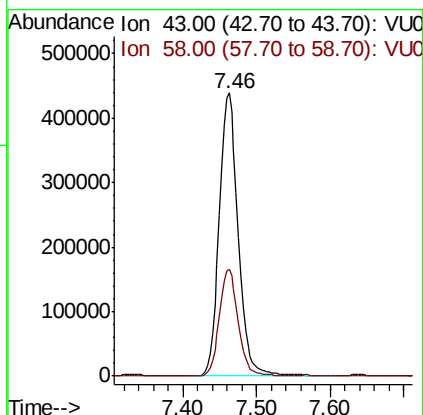
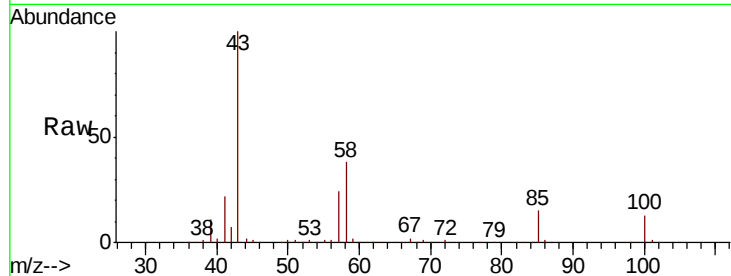




#51
4-Methyl-2-Pentanone
Concen: 254.271 ug/l
RT: 7.46 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VU027458.D
Acq: 05 Oct 2018 17:13

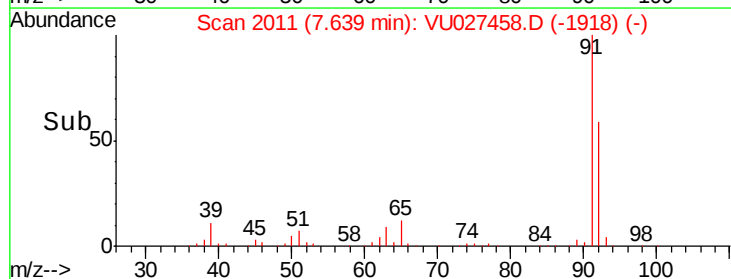
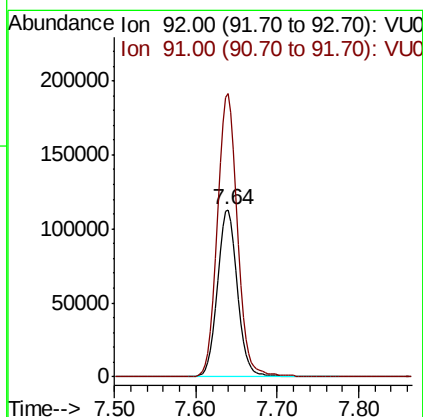
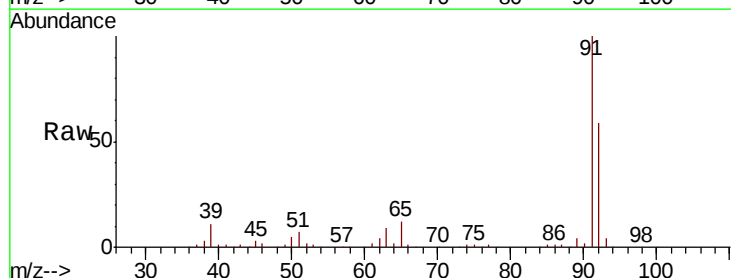
Instrument :
MSVOA_U
ClientSampleId :
BFB

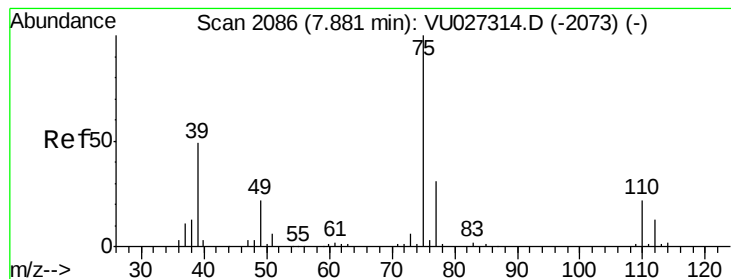
Tgt Ion: 43 Resp: 782556
Ion Ratio Lower Upper
43 100
58 37.6 29.8 44.8



#52
Toluene
Concen: 48.603 ug/l
RT: 7.64 min Scan# 2011
Delta R.T. 0.00 min
Lab File: VU027458.D
Acq: 05 Oct 2018 17:13

Tgt Ion: 92 Resp: 197724
Ion Ratio Lower Upper
92 100
91 170.2 138.6 208.0





#53

t-1,3-Dichloropropene

Concen: 49.842 ug/l

RT: 7.88 min Scan# 2086

Delta R.T. 0.00 min

Lab File: VU027458.D

Acq: 05 Oct 2018 17:13

Instrument :

MSVOA_U

ClientSampleId :

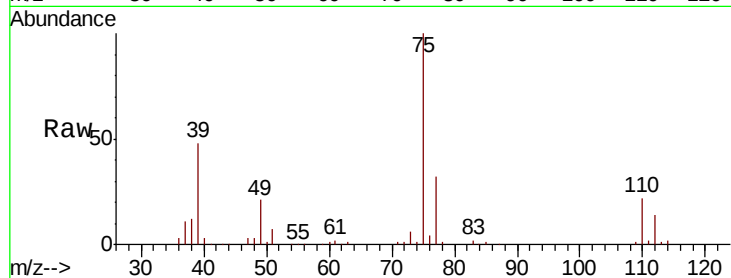
BFB

Tgt Ion: 75 Resp: 135770

Ion Ratio Lower Upper

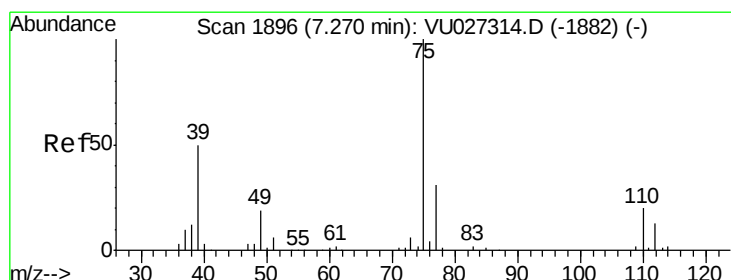
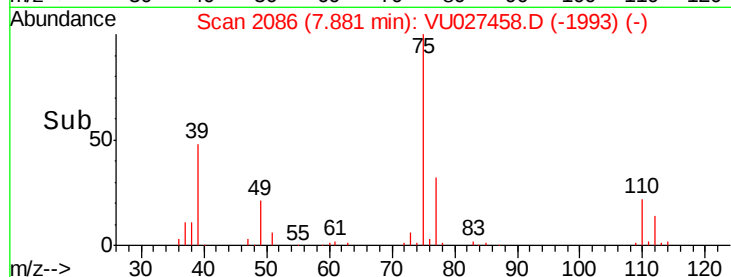
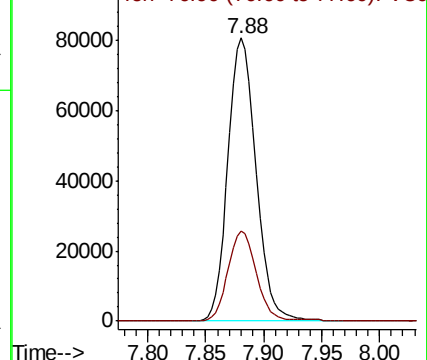
75 100

77 31.7 25.0 37.6



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 76.90 (76.60 to 77.60): VU0



#54

cis-1,3-Dichloropropene

Concen: 48.697 ug/l

RT: 7.27 min Scan# 1896

Delta R.T. -0.00 min

Lab File: VU027458.D

Acq: 05 Oct 2018 17:13

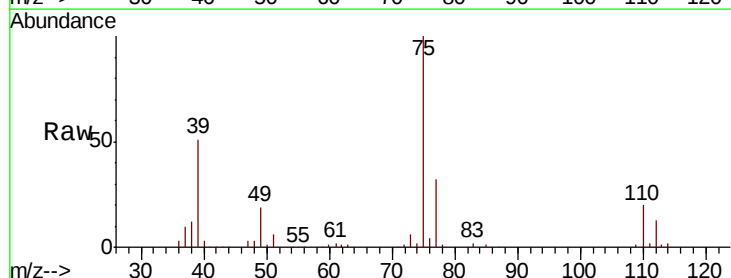
Tgt Ion: 75 Resp: 142602

Ion Ratio Lower Upper

75 100

77 32.1 24.5 36.7

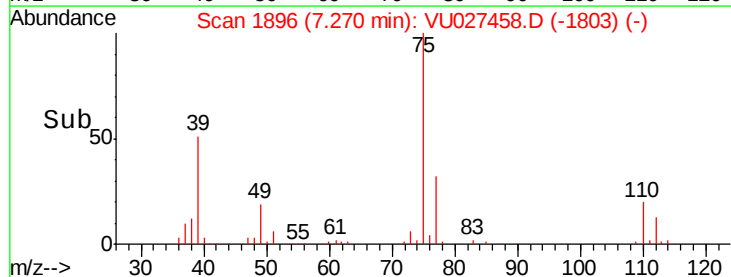
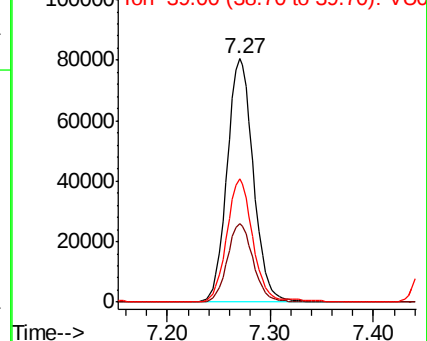
39 50.7 40.1 60.1

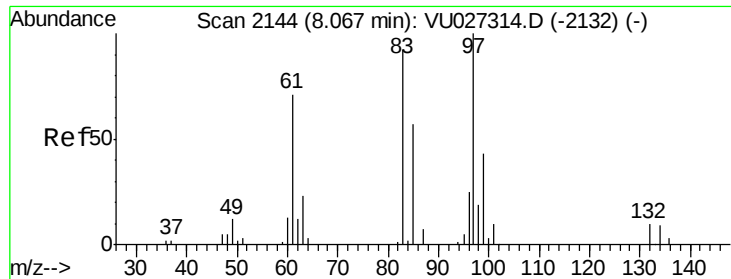


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 76.90 (76.60 to 77.60): VU0

Ion 39.00 (38.70 to 39.70): VU0

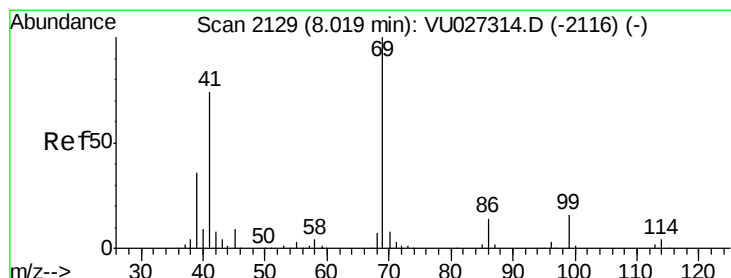
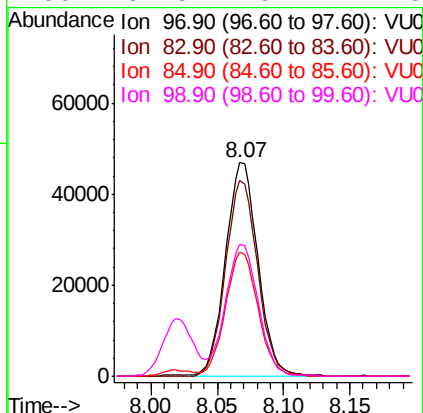
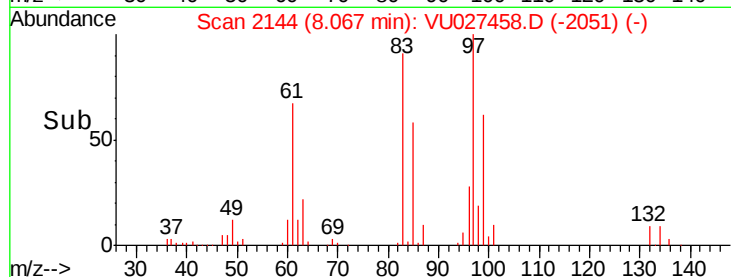
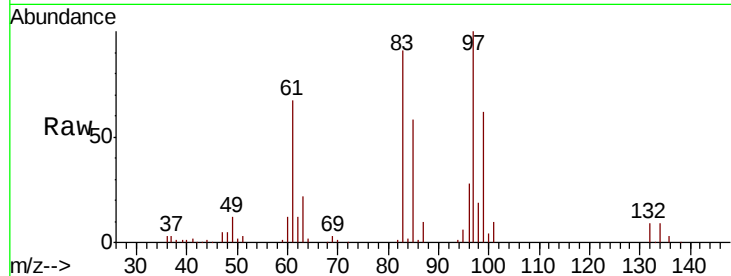




#55
 1,1,2-Trichloroethane
 Concen: 49.576 ug/l
 RT: 8.07 min Scan# 2144
 Delta R.T. 0.00 min
 Lab File: VU027458.D
 Acq: 05 Oct 2018 17:13

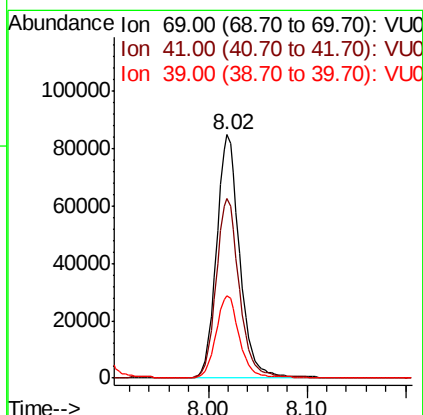
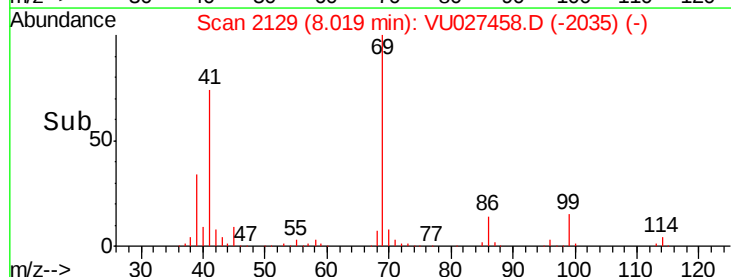
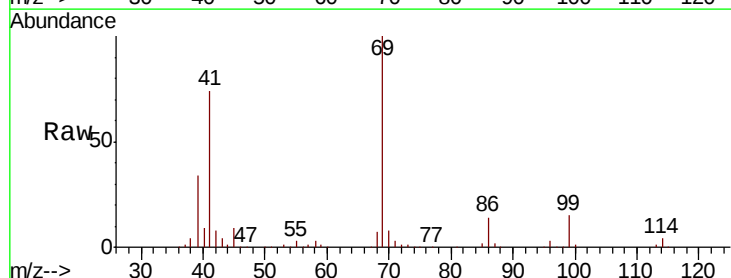
Instrument :
 MSVOA_U
 ClientSampleId :
 BFB

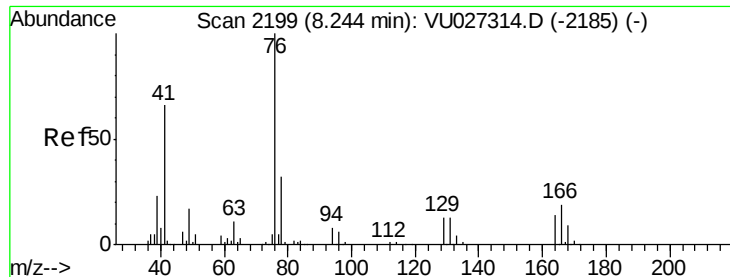
Tgt Ion:	97	Resp:	79965
Ion	Ratio	Lower	Upper
97	100		
83	91.5	73.0	109.6
85	58.1	47.3	70.9
99	61.5	49.7	74.5



#56
 Ethyl methacrylate
 Concen: 45.474 ug/l
 RT: 8.02 min Scan# 2129
 Delta R.T. 0.00 min
 Lab File: VU027458.D
 Acq: 05 Oct 2018 17:13

Tgt Ion:	69	Resp:	139796
Ion	Ratio	Lower	Upper
69	100		
41	74.4	60.0	90.0
39	33.7	29.5	44.3





#57

1,3-Dichloropropane

Concen: 48.271 ug/l

RT: 8.24 min Scan# 2199

Delta R.T. 0.00 min

Lab File: VU027458.D

Acq: 05 Oct 2018 17:13

Instrument :

MSVOA_U

ClientSampleId :

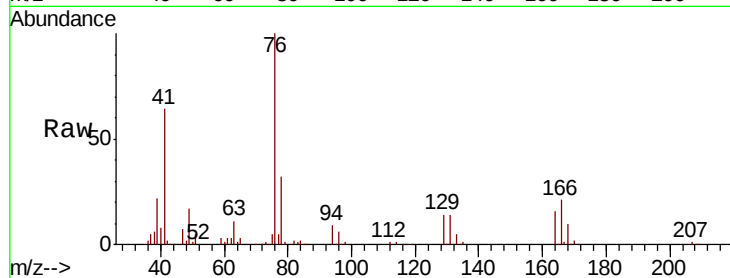
BFB

Tgt Ion: 76 Resp: 151148

Ion Ratio Lower Upper

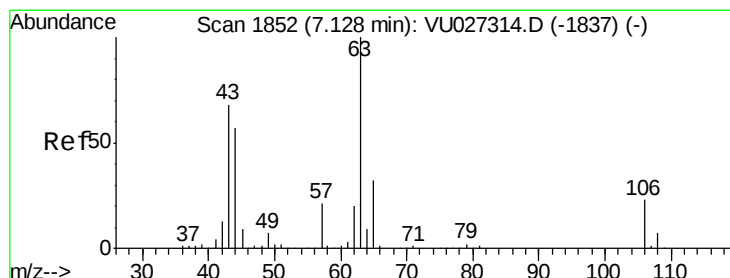
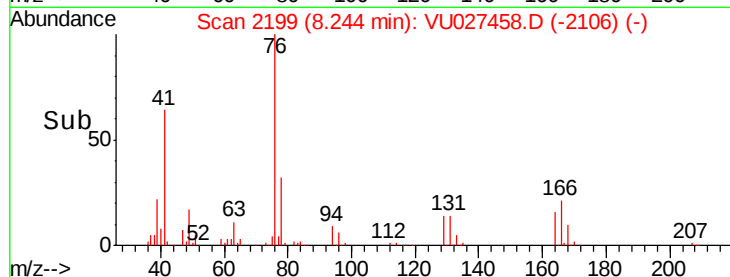
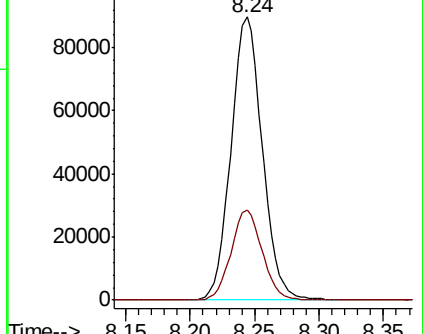
76 100

78 31.6 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VU0

Ion 77.90 (77.60 to 78.60): VU0



#58

2-Chloroethyl Vinyl ether

Concen: 231.219 ug/l

RT: 7.13 min Scan# 1852

Delta R.T. 0.00 min

Lab File: VU027458.D

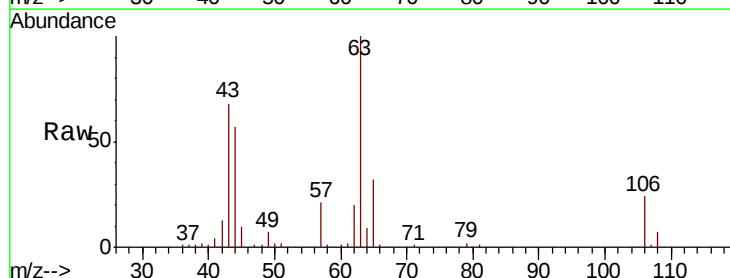
Acq: 05 Oct 2018 17:13

Tgt Ion: 63 Resp: 391123

Ion Ratio Lower Upper

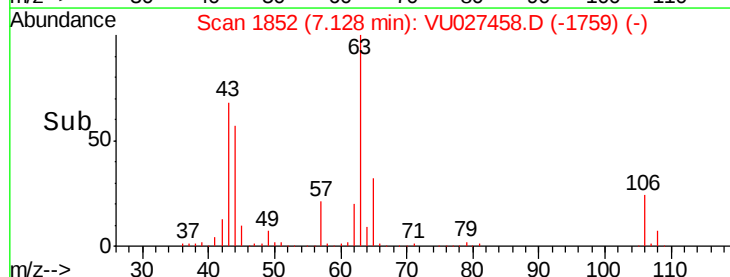
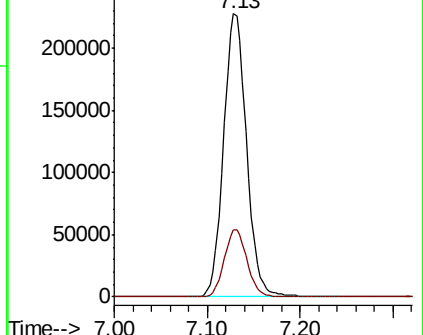
63 100

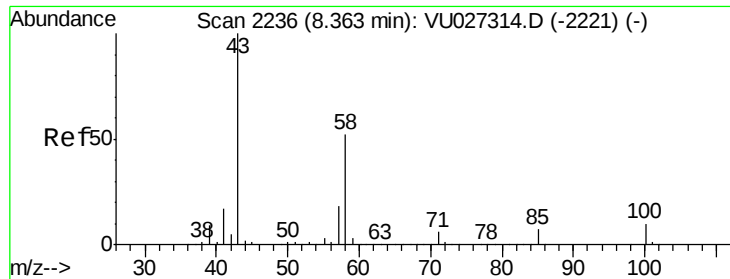
106 23.6 18.5 27.7



Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 105.90 (105.60 to 106.60): V

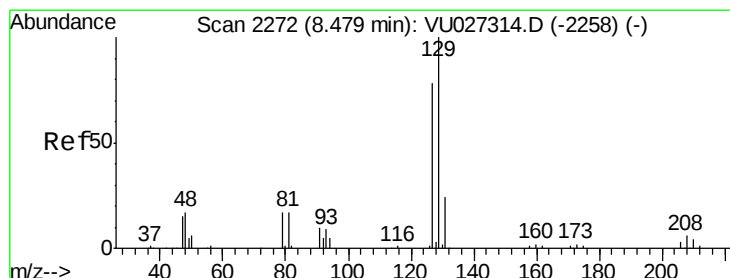
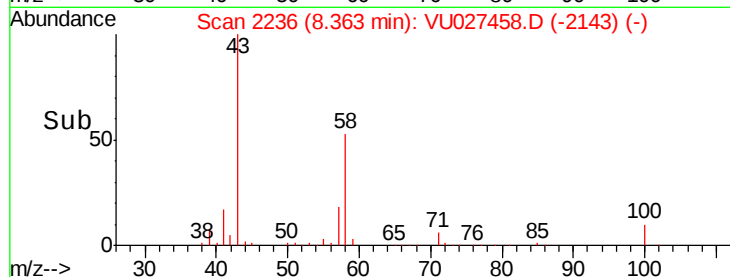
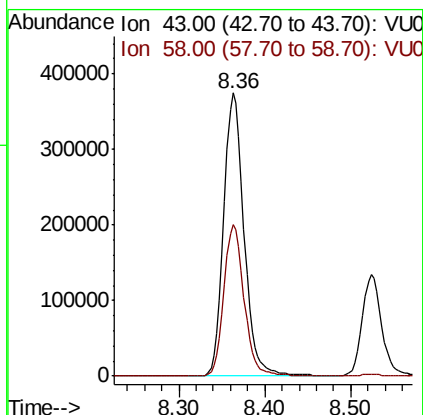
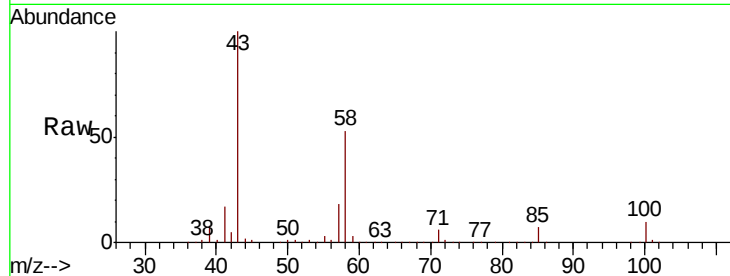




#59
2-Hexanone
Concen: 259.803 ug/l
RT: 8.36 min Scan# 2236
Delta R.T. -0.00 min
Lab File: VU027458.D
Acq: 05 Oct 2018 17:13

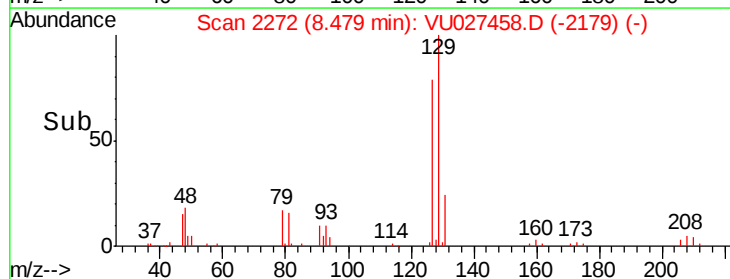
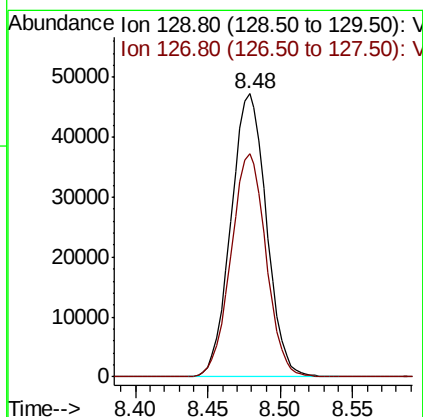
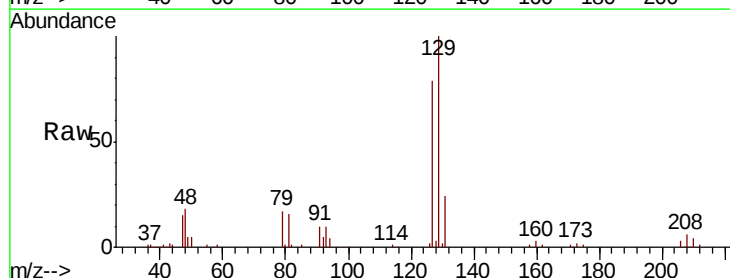
Instrument :
MSVOA_U
ClientSampleId :
BFB

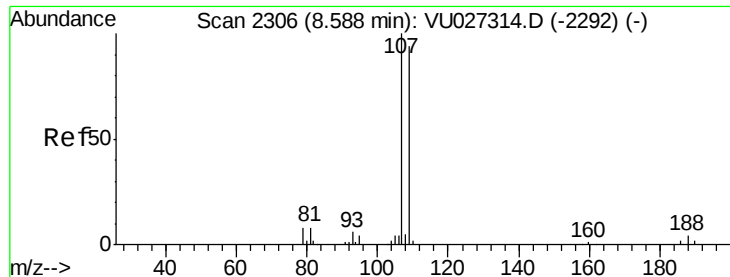
Tgt Ion: 43 Resp: 620255
Ion Ratio Lower Upper
43 100
58 53.2 26.1 78.3



#60
Dibromochloromethane
Concen: 49.724 ug/l
RT: 8.48 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VU027458.D
Acq: 05 Oct 2018 17:13

Tgt Ion: 129 Resp: 80439
Ion Ratio Lower Upper
129 100
127 77.6 39.1 117.2





#61

1,2-Dibromoethane

Concen: 48.652 ug/l

RT: 8.59 min Scan# 2306

Delta R.T. 0.00 min

Lab File: VU027458.D

Acq: 05 Oct 2018 17:13

Instrument :

MSVOA_U

ClientSampled :

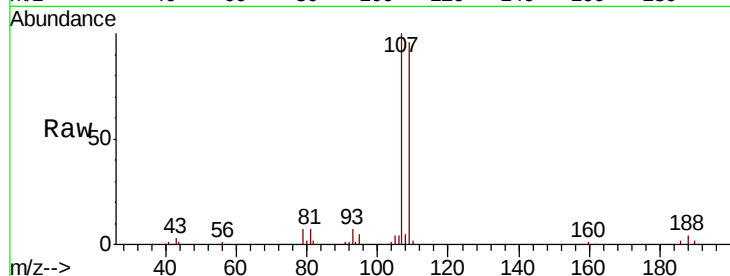
BFB

Tgt Ion: 107 Resp: 83435

Ion Ratio Lower Upper

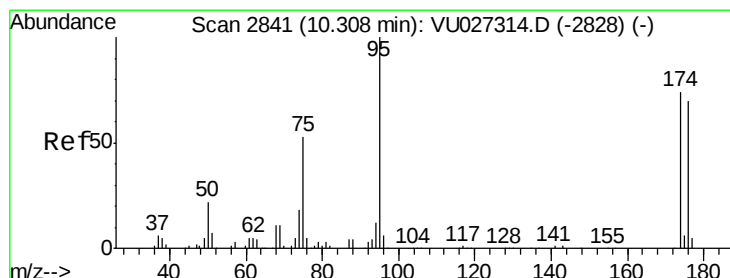
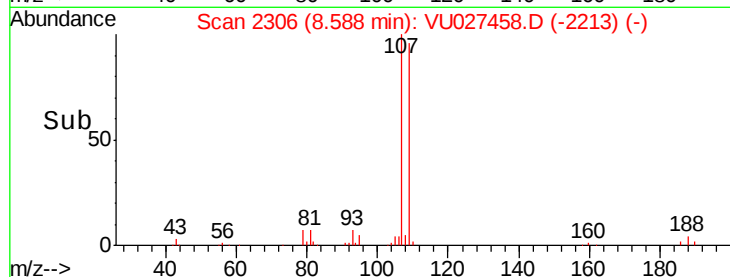
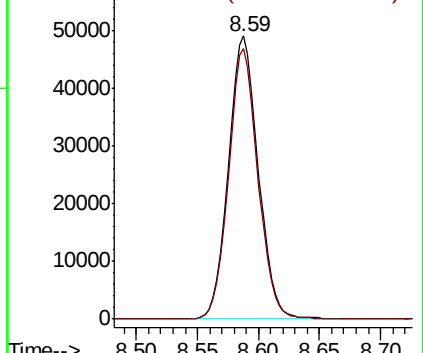
107 100

109 94.2 74.5 111.7



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 44.255 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VU027458.D

Acq: 05 Oct 2018 17:13

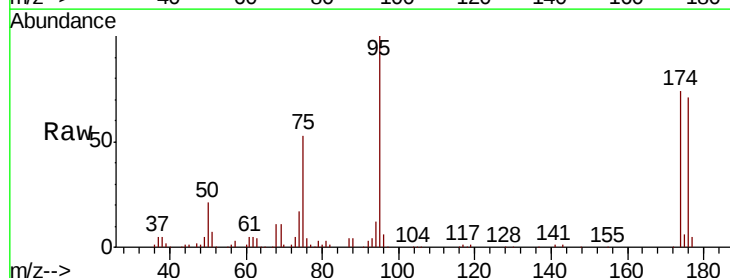
Tgt Ion: 95 Resp: 91677

Ion Ratio Lower Upper

95 100

174 75.1 0.0 147.8

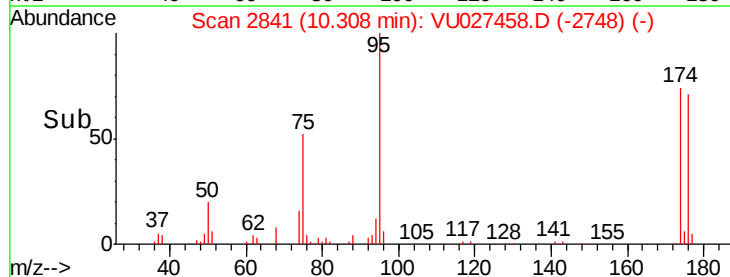
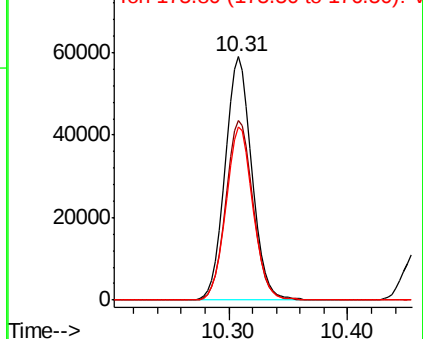
176 71.9 0.0 140.8

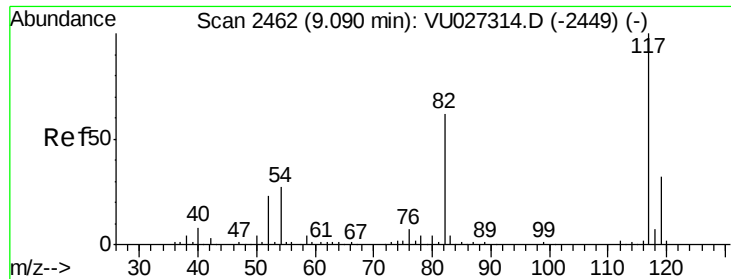


Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

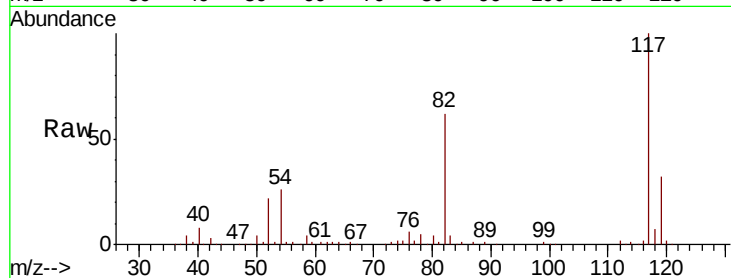




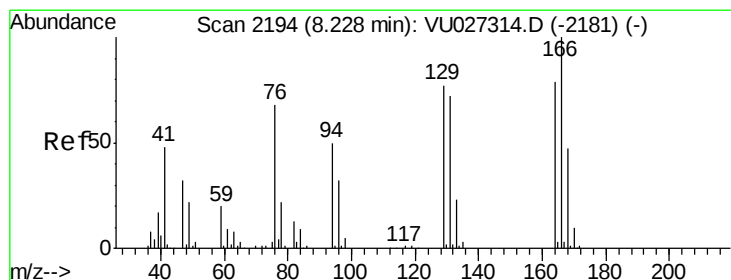
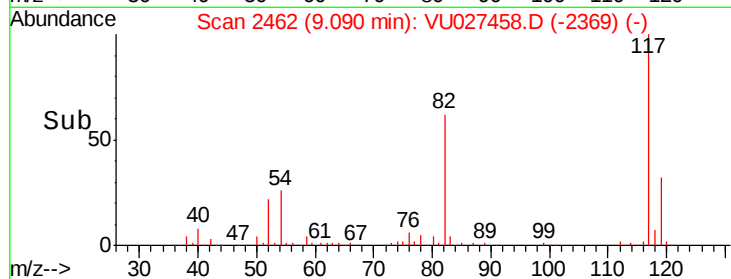
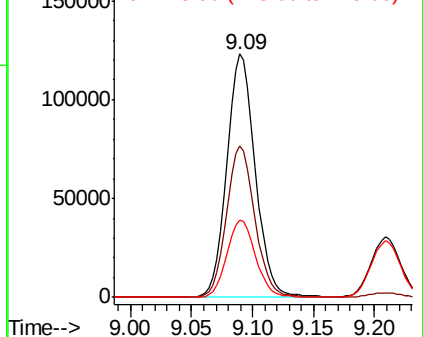
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. 0.00 min
Lab File: VU027458.D
Acq: 05 Oct 2018 17:13

Instrument :
MSVOA_U
ClientSampleId :
BFB

Tgt Ion:117 Resp: 201352
Ion Ratio Lower Upper
117 100
82 62.2 49.2 73.8
119 31.7 25.7 38.5

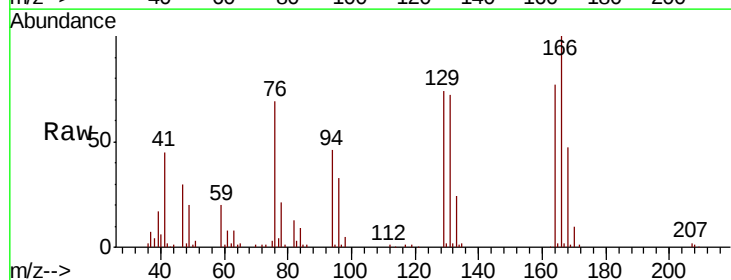


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

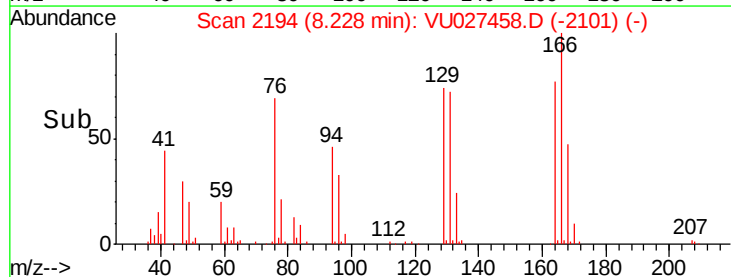
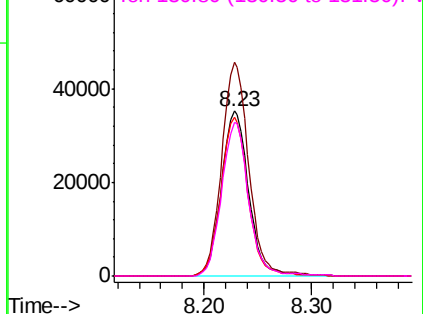


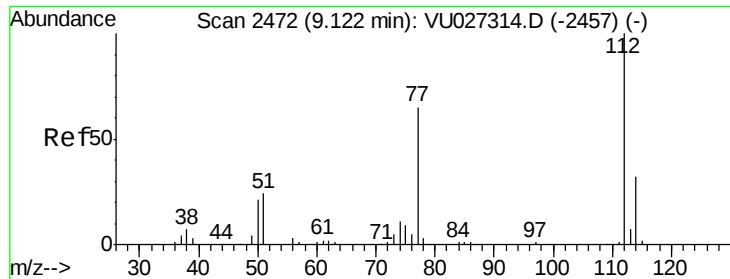
#64
Tetrachloroethene
Concen: 49.654 ug/l
RT: 8.23 min Scan# 2194
Delta R.T. 0.00 min
Lab File: VU027458.D
Acq: 05 Oct 2018 17:13

Tgt Ion:164 Resp: 62239
Ion Ratio Lower Upper
164 100
166 129.4 101.0 151.6
129 96.1 78.0 117.0
131 93.3 72.6 109.0



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

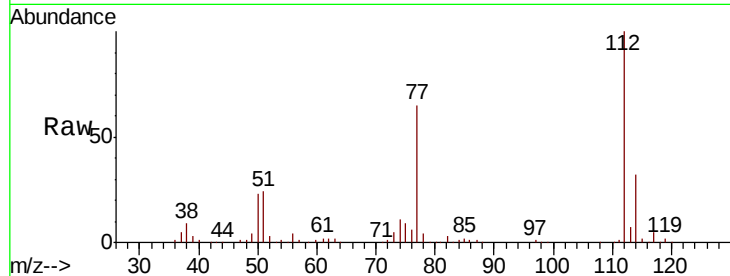




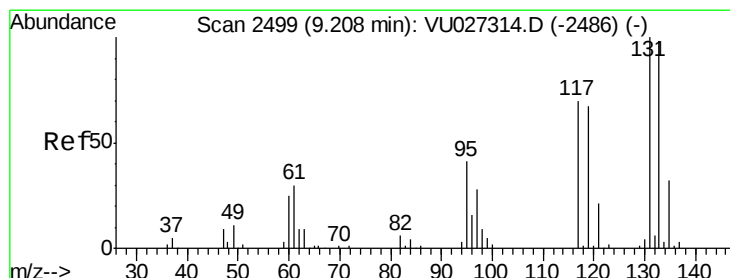
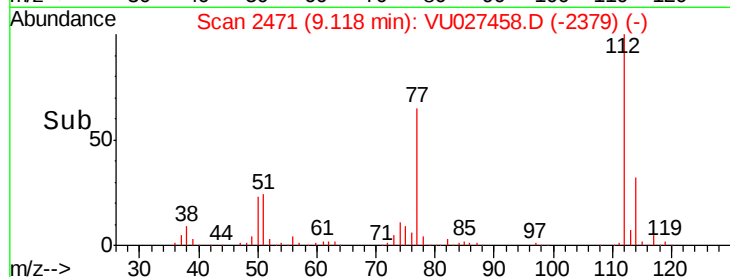
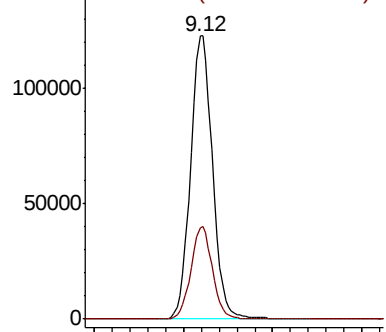
#65
Chlorobenzene
Concen: 49.245 ug/l
RT: 9.12 min Scan# 2471
Delta R.T. -0.00 min
Lab File: VU027458.D
Acq: 05 Oct 2018 17:13

Instrument :
MSVOA_U
ClientSampled :
BFB

Tgt Ion:112 Resp: 208714
Ion Ratio Lower Upper
112 100
114 32.4 25.8 38.6

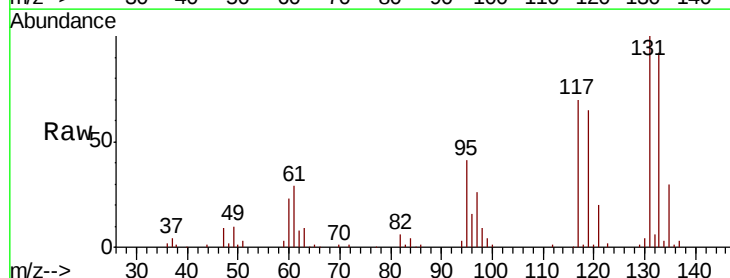


Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V

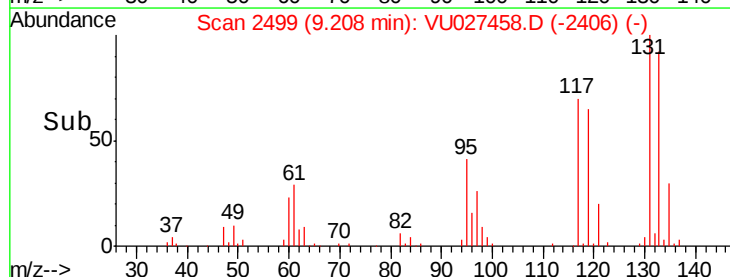
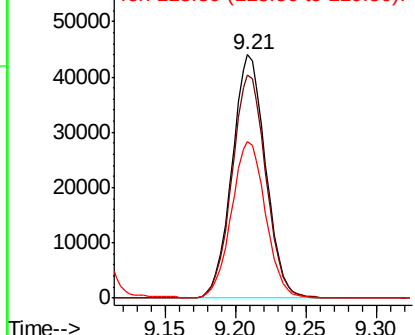


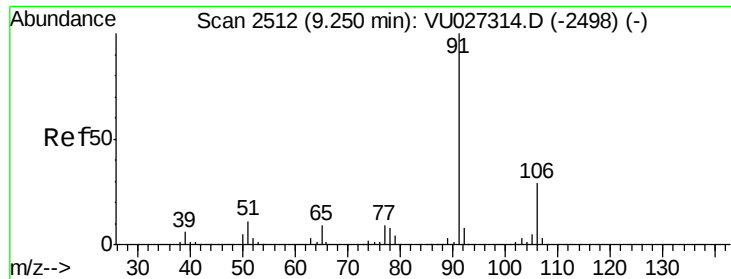
#66
1,1,1,2-Tetrachloroethane
Concen: 50.119 ug/l
RT: 9.21 min Scan# 2499
Delta R.T. 0.00 min
Lab File: VU027458.D
Acq: 05 Oct 2018 17:13

Tgt Ion:131 Resp: 73331
Ion Ratio Lower Upper
131 100
133 93.0 48.5 145.6
119 65.4 33.5 100.4



Abundance Ion 130.80 (130.50 to 131.50): V
Ion 132.80 (132.50 to 133.50): V
Ion 118.80 (118.50 to 119.50): V

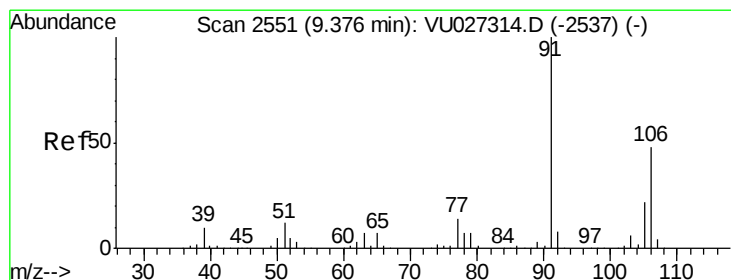
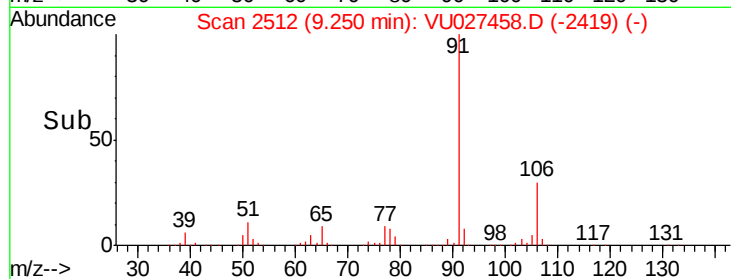
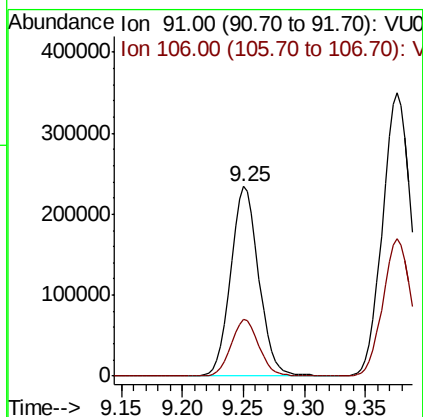
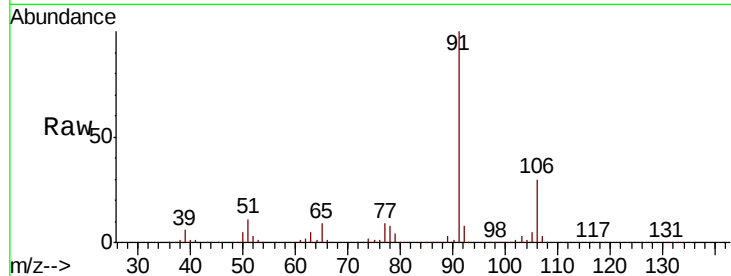




#67
Ethyl Benzene
Concen: 50.148 ug/l
RT: 9.25 min Scan# 2512
Delta R.T. 0.00 min
Lab File: VU027458.D
Acq: 05 Oct 2018 17:13

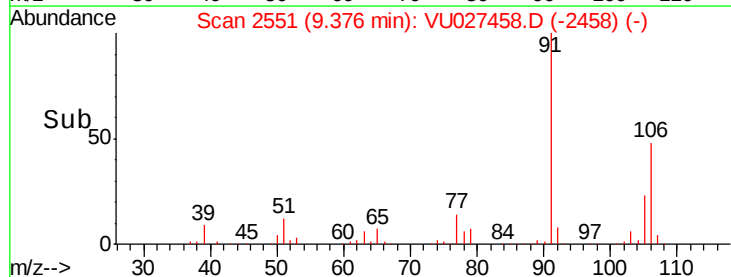
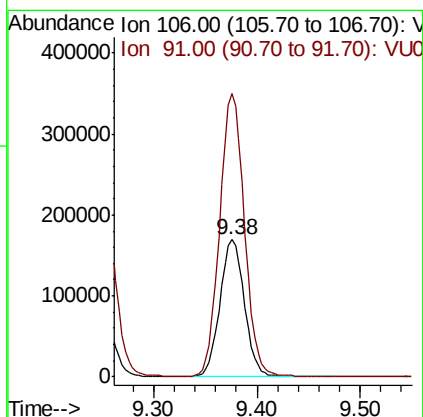
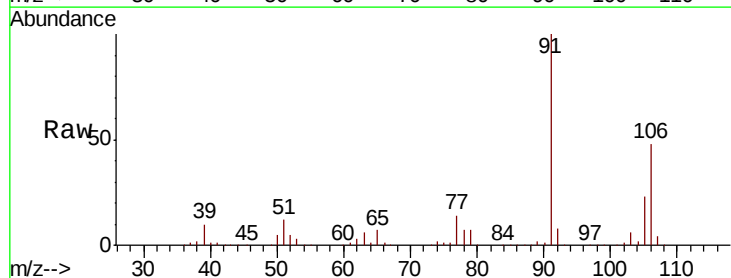
Instrument :
MSVOA_U
ClientSampleId :
BFB

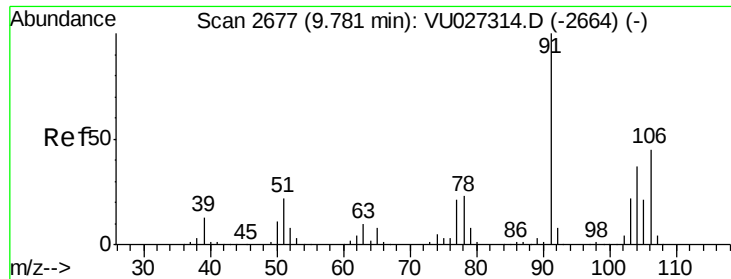
Tgt Ion: 91 Resp: 376568
Ion Ratio Lower Upper
91 100
106 29.7 23.6 35.4



#68
m/p-Xylenes
Concen: 102.101 ug/l
RT: 9.38 min Scan# 2551
Delta R.T. 0.00 min
Lab File: VU027458.D
Acq: 05 Oct 2018 17:13

Tgt Ion: 106 Resp: 280442
Ion Ratio Lower Upper
106 100
91 209.1 168.1 252.1

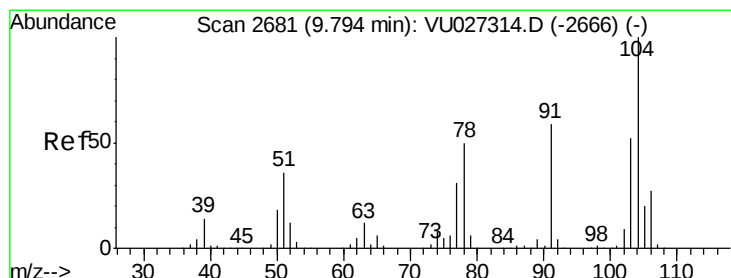
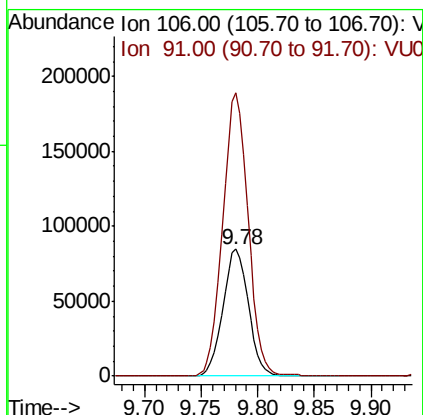
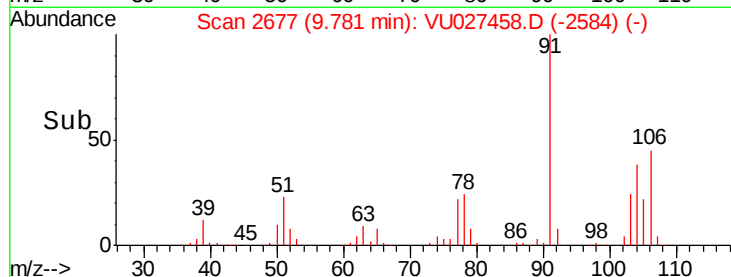
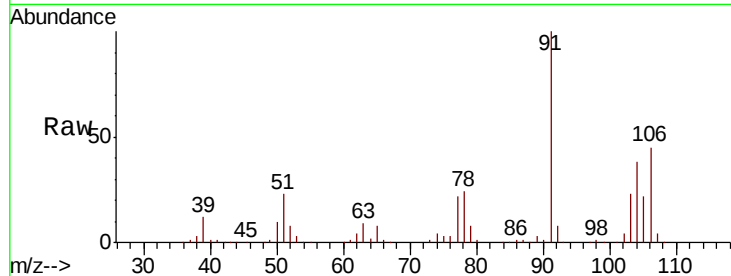




#69
o-Xylene
Concen: 51.126 ug/l
RT: 9.78 min Scan# 2677
Delta R.T. -0.00 min
Lab File: VU027458.D
Acq: 05 Oct 2018 17:13

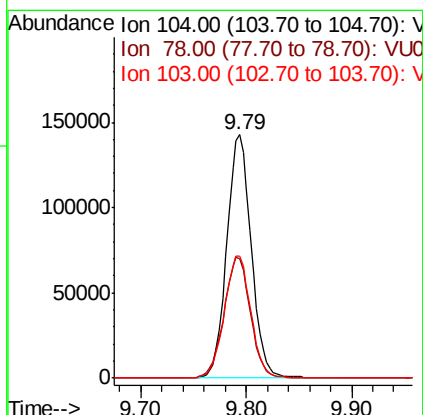
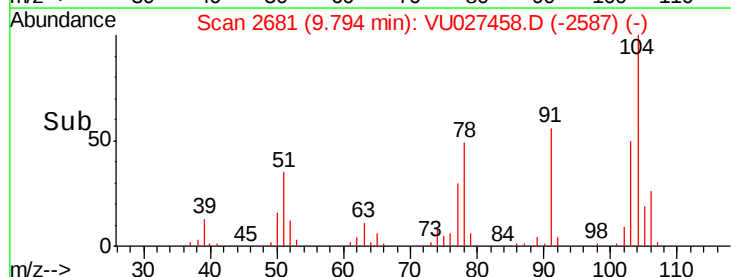
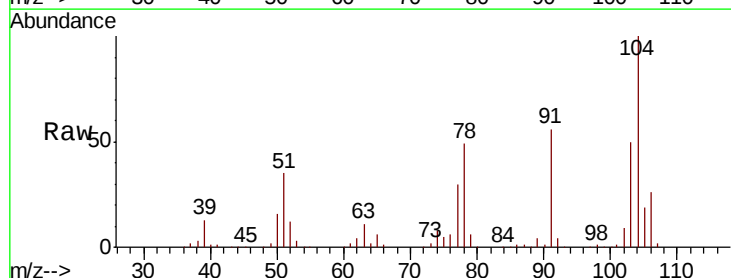
Instrument :
MSVOA_U
ClientSampled :
BFB

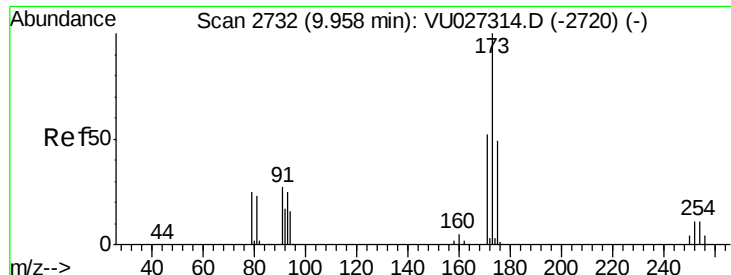
Tgt Ion:106 Resp: 133448
Ion Ratio Lower Upper
106 100
91 222.6 111.7 334.9



#70
Styrene
Concen: 47.036 ug/l
RT: 9.79 min Scan# 2681
Delta R.T. 0.00 min
Lab File: VU027458.D
Acq: 05 Oct 2018 17:13

Tgt Ion:104 Resp: 228796
Ion Ratio Lower Upper
104 100
78 53.5 42.9 64.3
103 54.2 43.9 65.9





#71

Bromoform

Concen: 51.268 ug/l

RT: 9.96 min Scan# 2732

Delta R.T. 0.00 min

Lab File: VU027458.D

Acq: 05 Oct 2018 17:13

Instrument :

MSVOA_U

ClientSampleId :

BFB

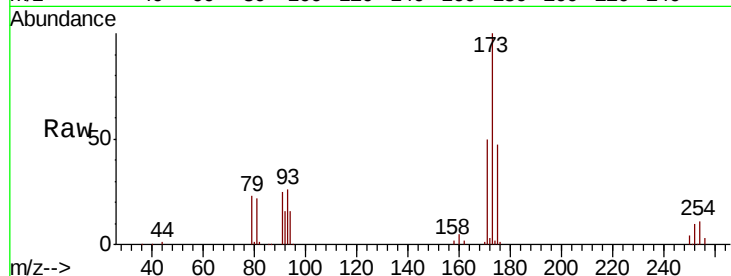
Tgt Ion:173 Resp: 60352

Ion Ratio Lower Upper

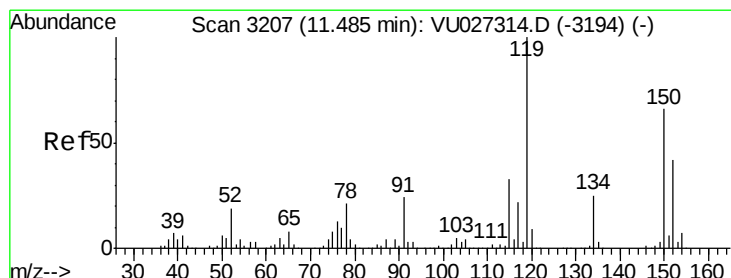
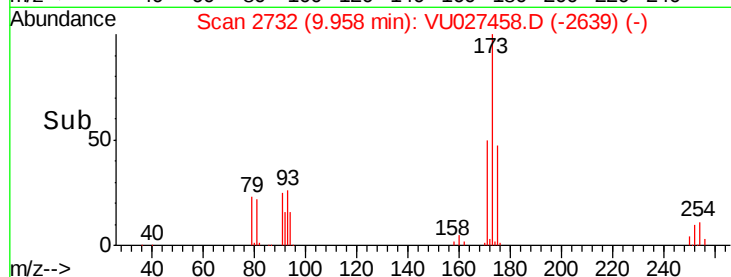
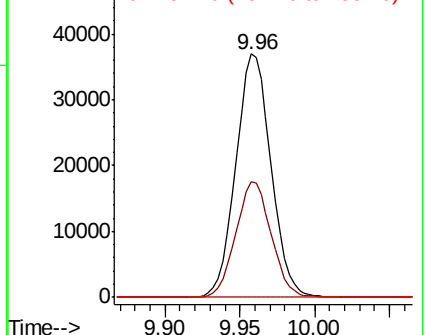
173 100

175 47.9 24.3 73.0

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: VU027458.D

Acq: 05 Oct 2018 17:13

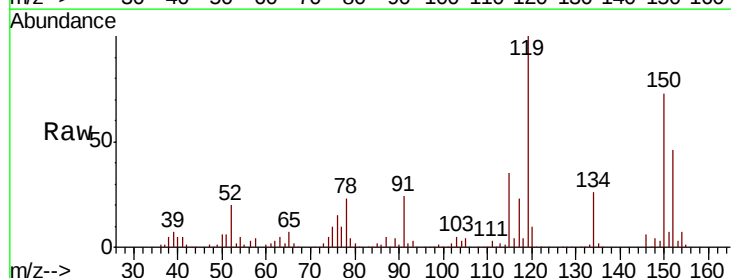
Tgt Ion:152 Resp: 105783

Ion Ratio Lower Upper

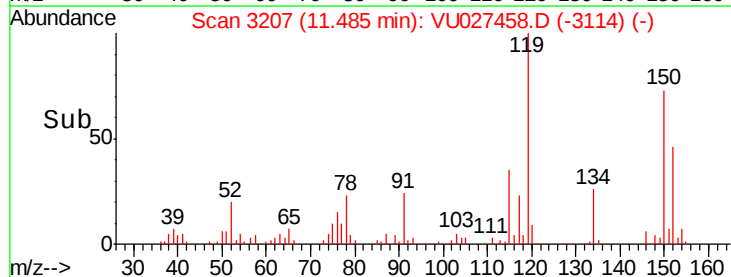
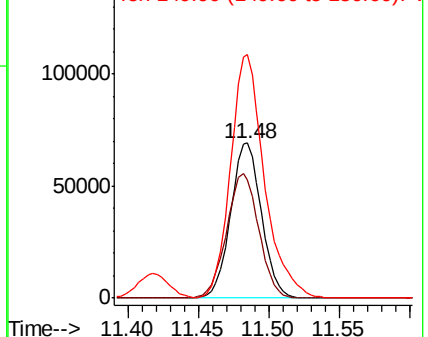
152 100

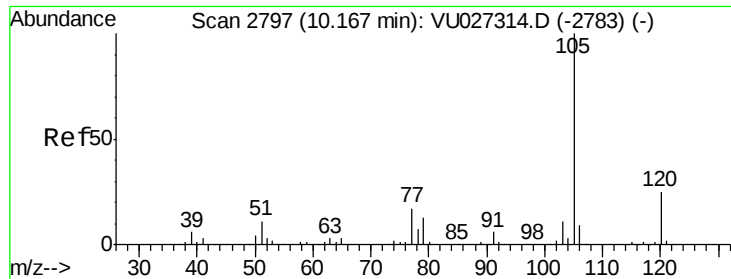
115 83.9 43.4 130.2

150 172.8 0.0 349.2



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: 47.279 ug/l

RT: 10.17 min Scan# 2797

Delta R.T. 0.00 min

Lab File: VU027458.D

Acq: 05 Oct 2018 17:13

Instrument :

MSVOA_U

ClientSampled :

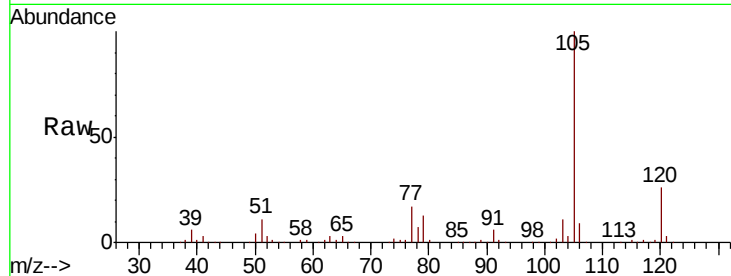
BFB

Tgt Ion: 105 Resp: 363241

Ion Ratio Lower Upper

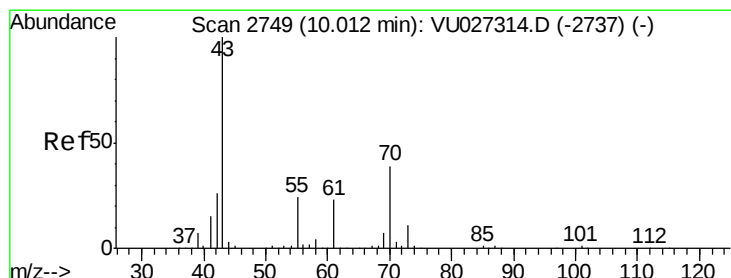
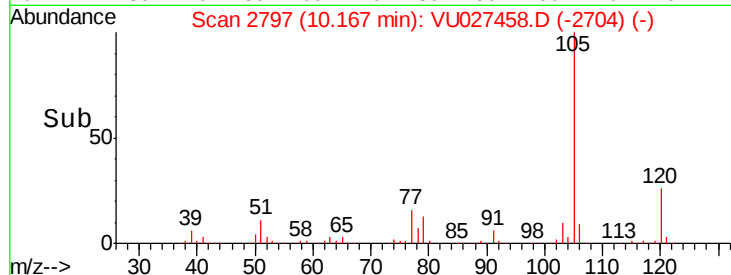
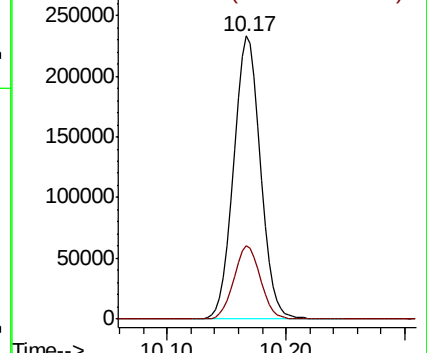
105 100

120 25.9 12.6 37.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 47.840 ug/l

RT: 10.01 min Scan# 2749

Delta R.T. 0.00 min

Lab File: VU027458.D

Acq: 05 Oct 2018 17:13

Tgt Ion: 43 Resp: 210413

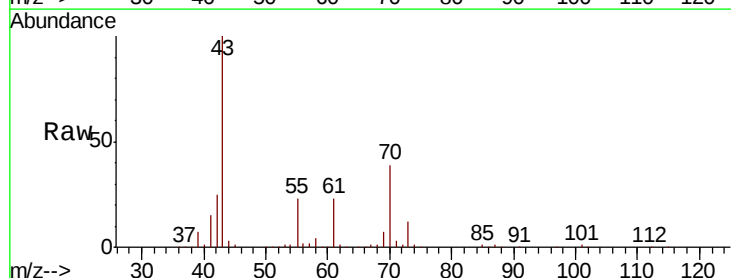
Ion Ratio Lower Upper

43 100

70 39.8 31.3 46.9

55 23.7 19.0 28.6

61 22.8 18.5 27.7

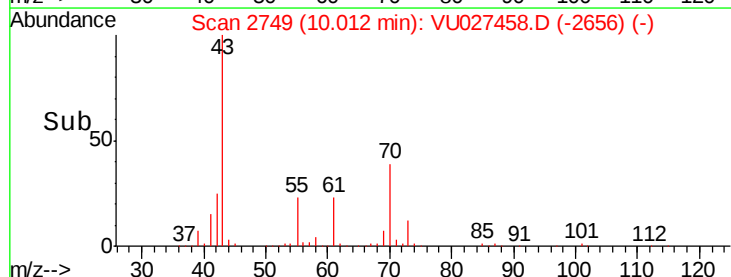
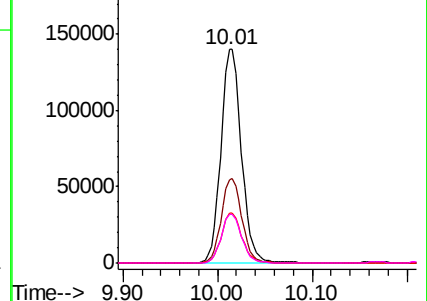


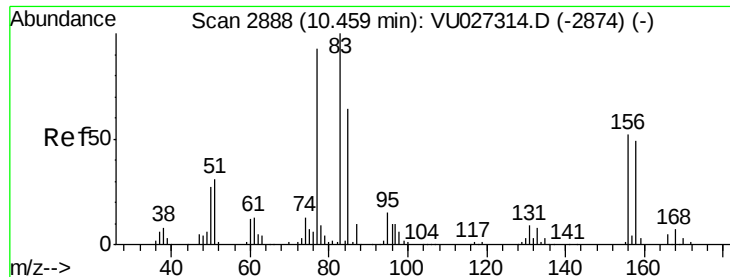
Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 70.00 (69.70 to 70.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 61.00 (60.70 to 61.70): VU0





#75

1,1,2,2-Tetrachloroethane

Concen: 46.173 ug/l

RT: 10.46 min Scan# 2888

Delta R.T. -0.00 min

Lab File: VU027458.D

Acq: 05 Oct 2018 17:13

Instrument :

MSVOA_U

ClientSampleId :

BFB

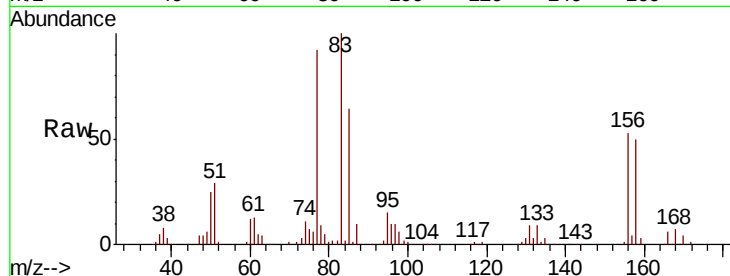
Tgt Ion: 83 Resp: 139291

Ion Ratio Lower Upper

83 100

131 8.7 4.4 13.2

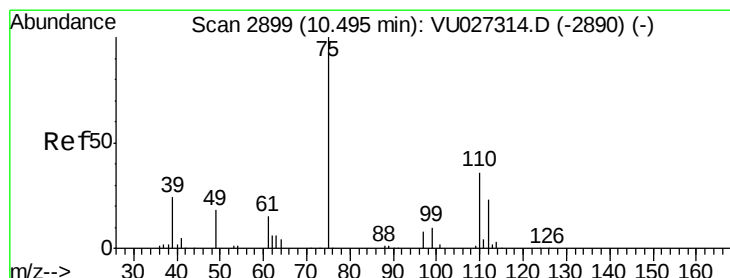
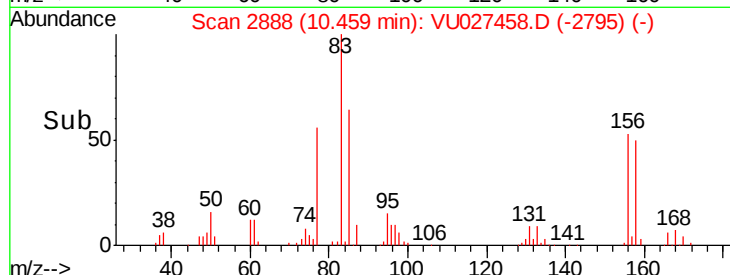
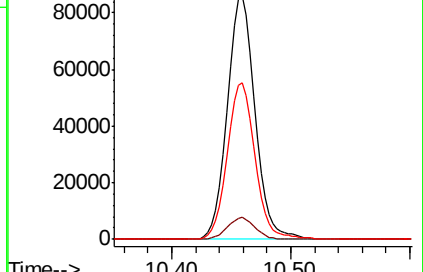
85 64.3 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VU027458.D (-2795) (-)

Ion 130.80 (130.50 to 131.50): VU027458.D (-2795) (-)

Ion 84.90 (84.60 to 85.60): VU027458.D (-2795) (-)



#76

1,2,3-Trichloropropane

Concen: 62.984 ug/l

RT: 10.49 min Scan# 2899

Delta R.T. -0.00 min

Lab File: VU027458.D

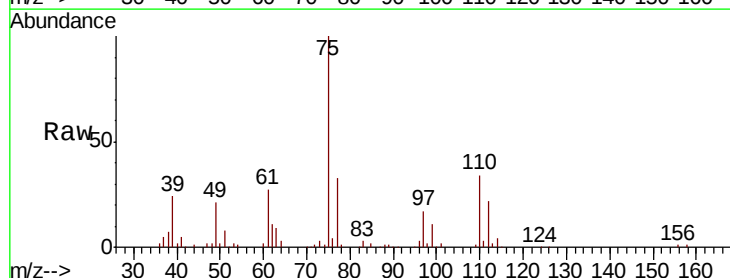
Acq: 05 Oct 2018 17:13

Tgt Ion: 75 Resp: 172712

Ion Ratio Lower Upper

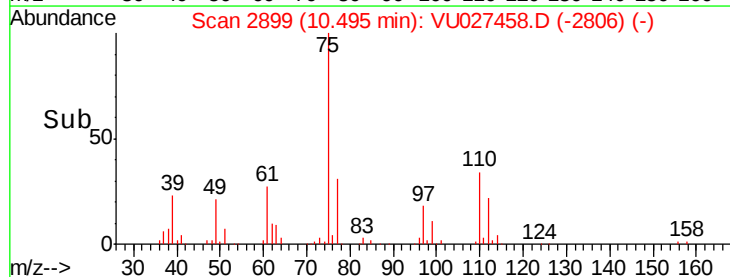
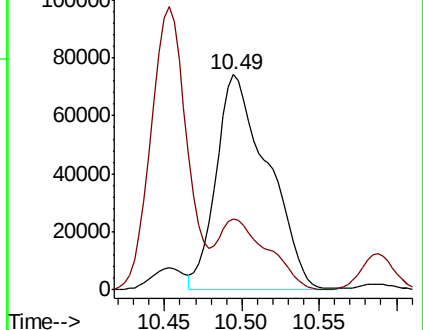
75 100

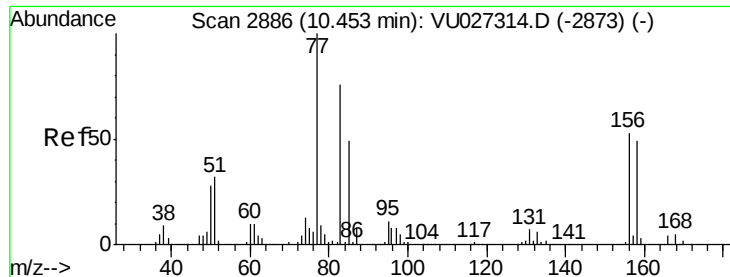
77 30.2 20.3 60.9



Abundance Ion 74.90 (74.60 to 75.60): VU027458.D (-2806) (-)

Ion 77.00 (76.70 to 77.70): VU027458.D (-2806) (-)





#77

Bromobenzene

Concen: 48.010 ug/l

RT: 10.45 min Scan# 2886

Delta R.T. -0.00 min

Lab File: VU027458.D

Acq: 05 Oct 2018 17:13

Instrument :

MSVOA_U

ClientSampleId :

BFB

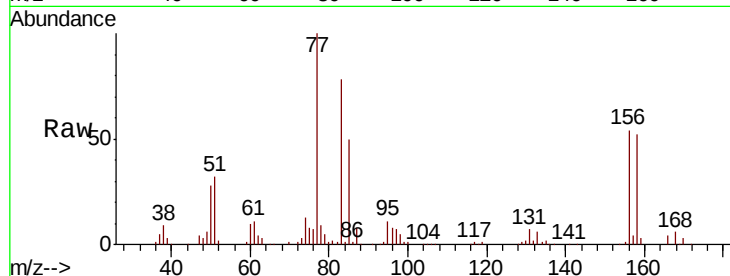
Tgt Ion:156 Resp: 85724

Ion Ratio Lower Upper

156 100

77 184.2 94.8 284.4

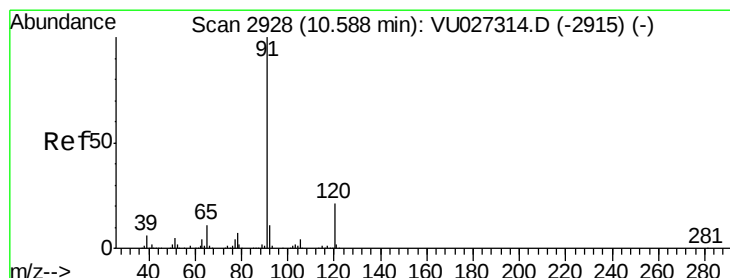
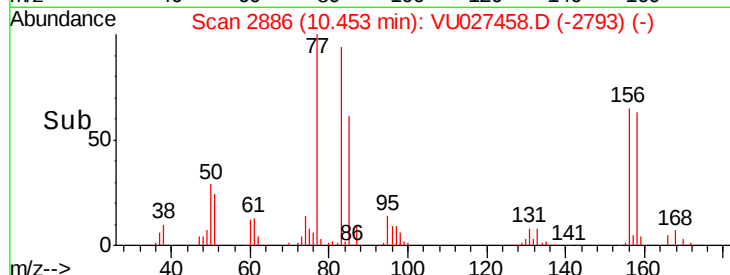
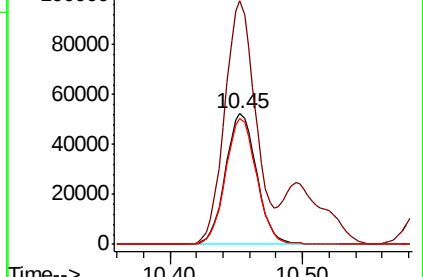
158 96.0 47.4 142.3



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: 49.017 ug/l

RT: 10.59 min Scan# 2928

Delta R.T. 0.00 min

Lab File: VU027458.D

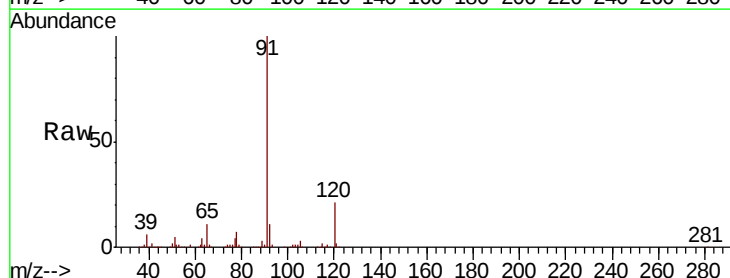
Acq: 05 Oct 2018 17:13

Tgt Ion: 91 Resp: 452518

Ion Ratio Lower Upper

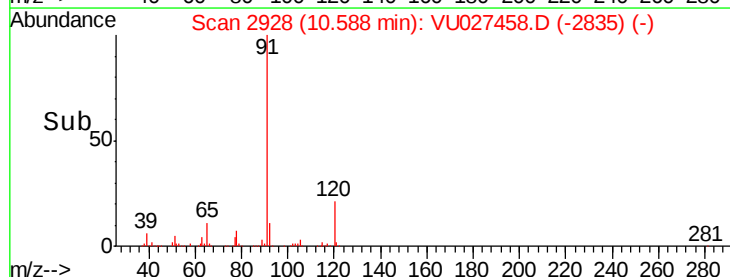
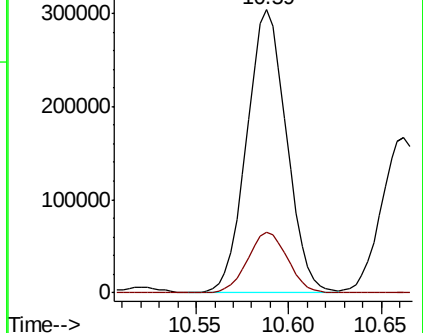
91 100

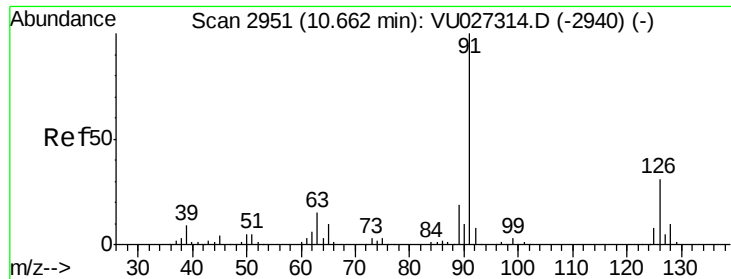
120 21.6 10.6 31.8



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 46.852 ug/l

RT: 10.66 min Scan# 2951

Delta R.T. -0.00 min

Lab File: VU027458.D

Acq: 05 Oct 2018 17:13

Instrument :

MSVOA_U

ClientSampleId :

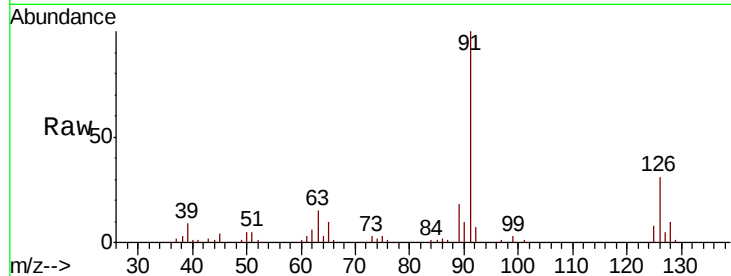
BFB

Tgt Ion: 91 Resp: 261159

Ion Ratio Lower Upper

91 100

126 31.5 15.7 47.1



Abundance Ion 91.00 (90.70 to 91.70): VU027314.D (-2940) (-)

Ion 125.90 (125.60 to 126.60): VU027314.D (-2940) (-)

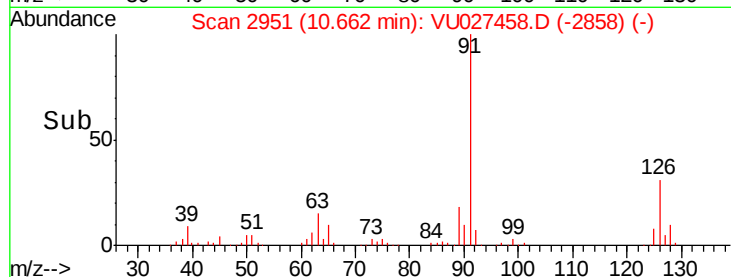
300000

200000

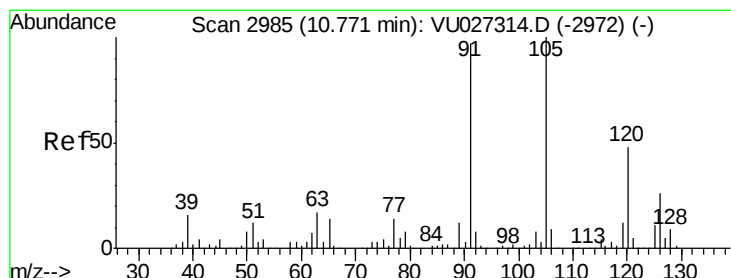
100000

0

10.60 10.65 10.70



Time-->



#80

1,3,5-Trimethylbenzene

Concen: 49.745 ug/l

RT: 10.77 min Scan# 2985

Delta R.T. -0.00 min

Lab File: VU027458.D

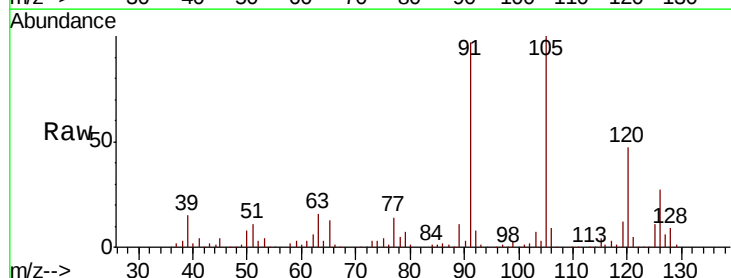
Acq: 05 Oct 2018 17:13

Tgt Ion: 105 Resp: 311156

Ion Ratio Lower Upper

105 100

120 47.4 24.1 72.4



Abundance Ion 105.00 (104.70 to 105.70): VU027314.D (-2972) (-)

Ion 120.00 (119.70 to 120.70): VU027314.D (-2972) (-)

200000

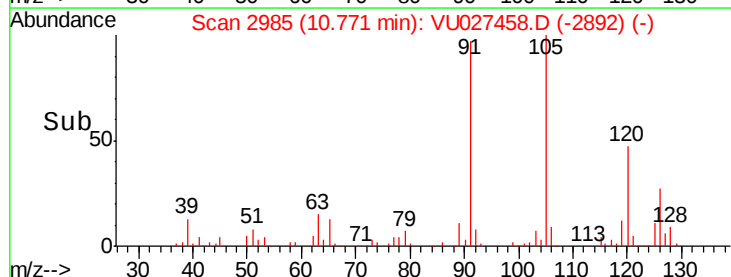
150000

100000

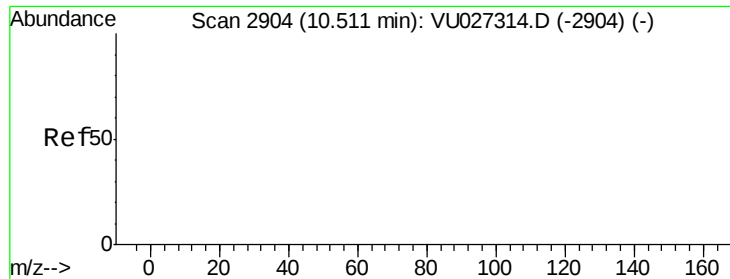
50000

0

10.70 10.80



Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 164.837 ug/l

RT: 10.49 min Scan# 2899

Delta R.T. -0.02 min

Lab File: VU027458.D

Acq: 05 Oct 2018 17:13

Instrument :

MSVOA_U

ClientSampled :

BFB

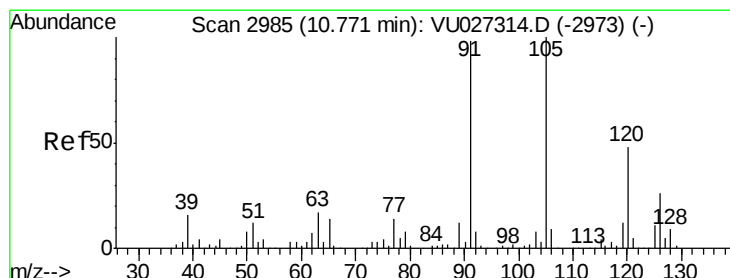
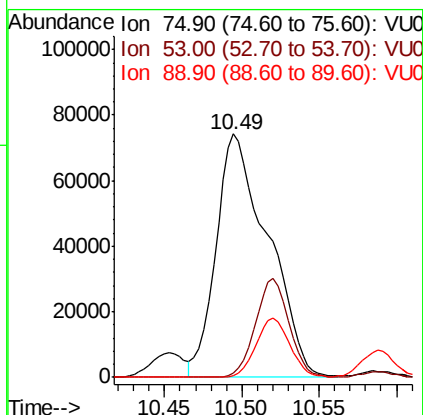
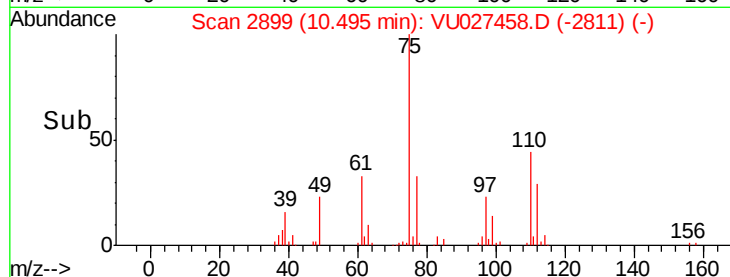
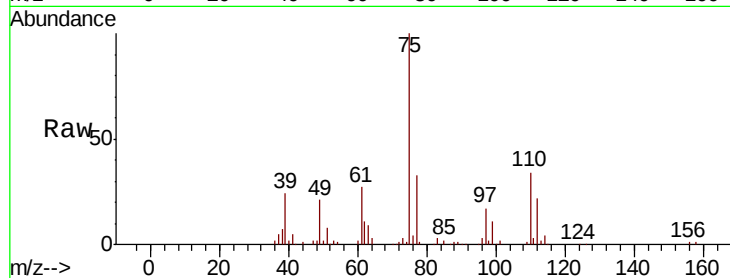
Tgt Ion: 75 Resp: 172712

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

89 0.0 0.0 0.0



#82

4-Chlorotoluene

Concen: 49.111 ug/l

RT: 10.77 min Scan# 2985

Delta R.T. -0.00 min

Lab File: VU027458.D

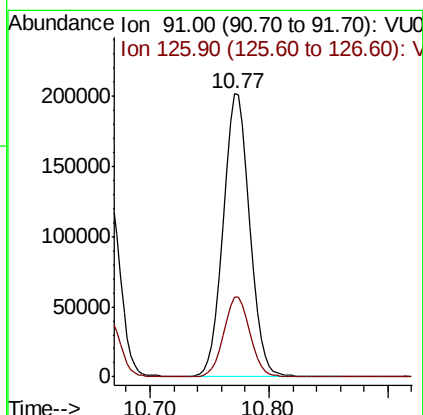
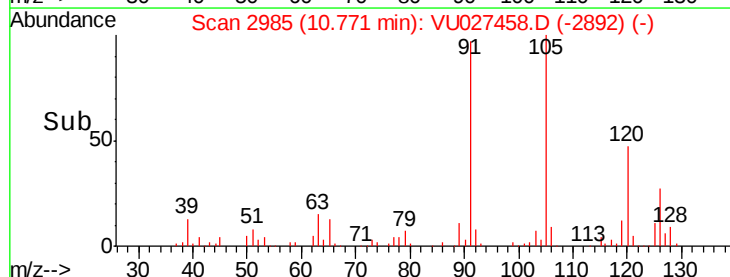
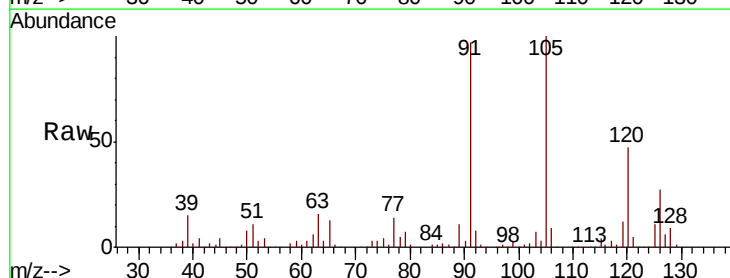
Acq: 05 Oct 2018 17:13

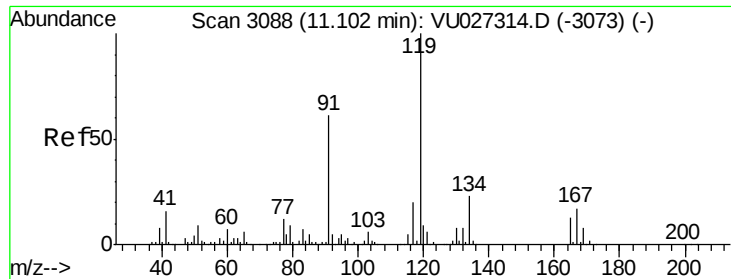
Tgt Ion: 91 Resp: 310657

Ion Ratio Lower Upper

91 100

126 28.1 13.6 40.8

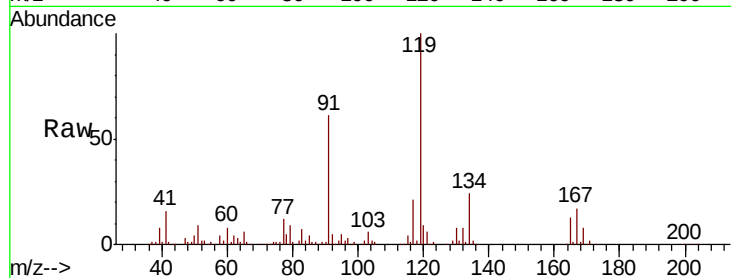




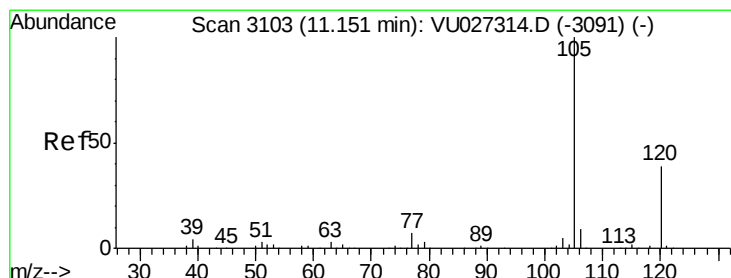
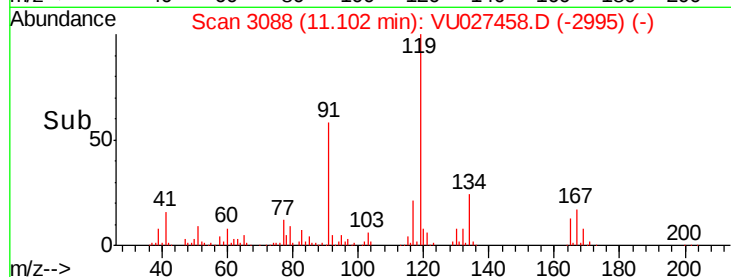
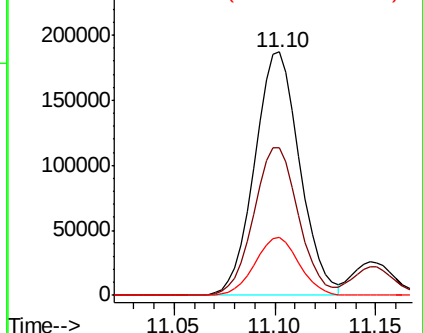
#83
 tert-Butylbenzene
 Concen: 48.370 ug/l
 RT: 11.10 min Scan# 3088
 Delta R.T. 0.00 min
 Lab File: VU027458.D
 Acq: 05 Oct 2018 17:13

Instrument :
 MSVOA_U
 ClientSampled :
 BFB

Tgt Ion	Ratio	Lower	Upper
119	100		
91	60.1	30.3	91.0
134	23.5	11.5	34.4

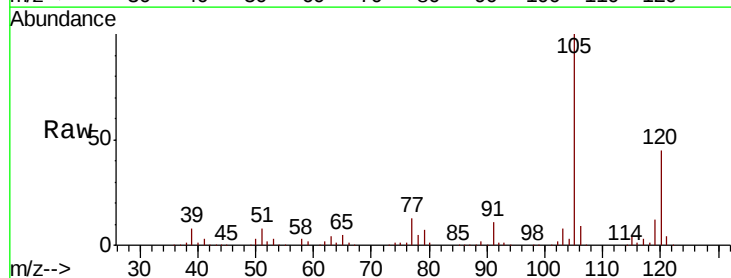


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

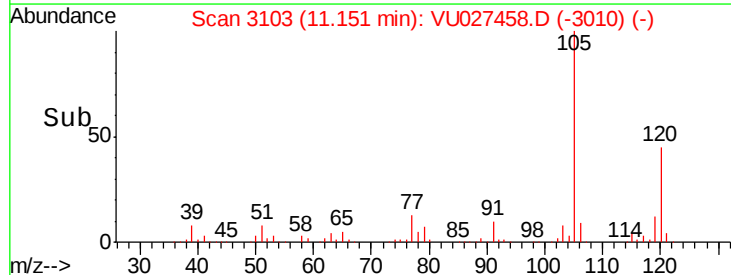
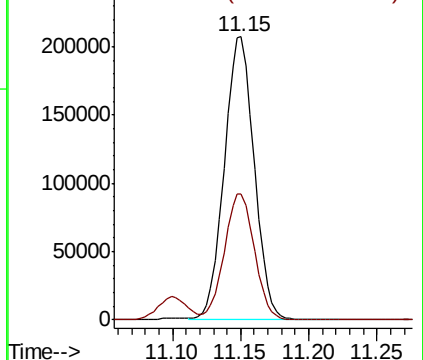


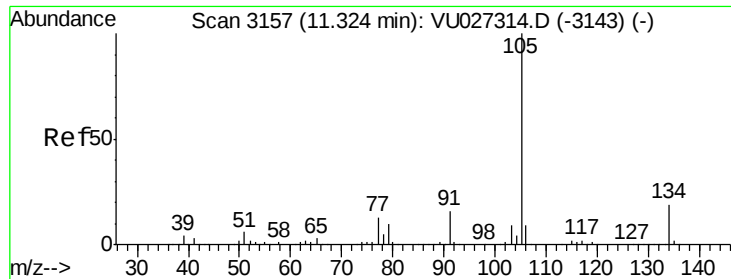
#84
 1,2,4-Trimethylbenzene
 Concen: 49.318 ug/l
 RT: 11.15 min Scan# 3103
 Delta R.T. 0.00 min
 Lab File: VU027458.D
 Acq: 05 Oct 2018 17:13

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.9	22.1	66.5



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

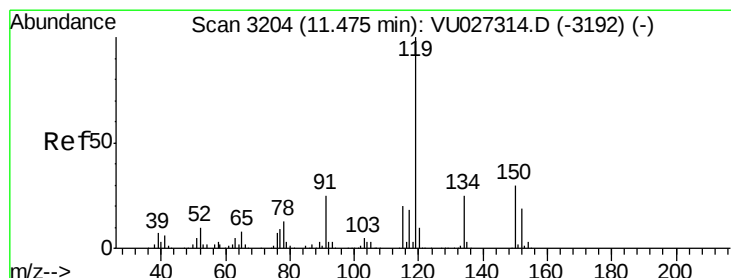
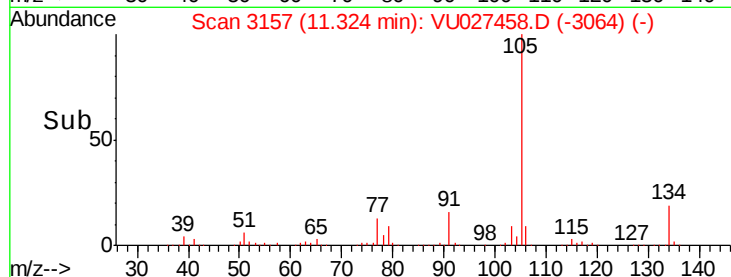
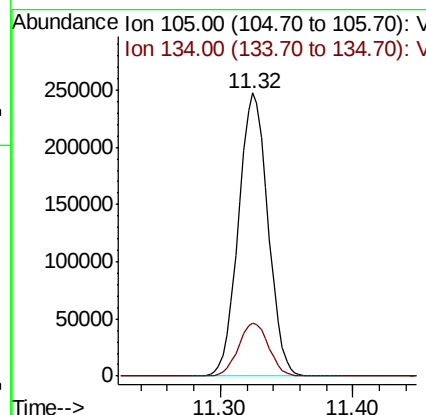
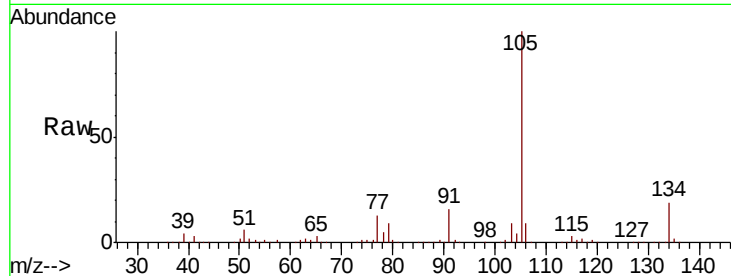




#85
 sec-Butylbenzene
 Concen: 50.104 ug/l
 RT: 11.32 min Scan# 3157
 Delta R.T. -0.00 min
 Lab File: VU027458.D
 Acq: 05 Oct 2018 17:13

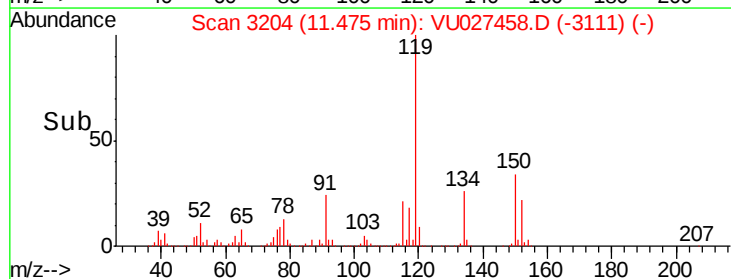
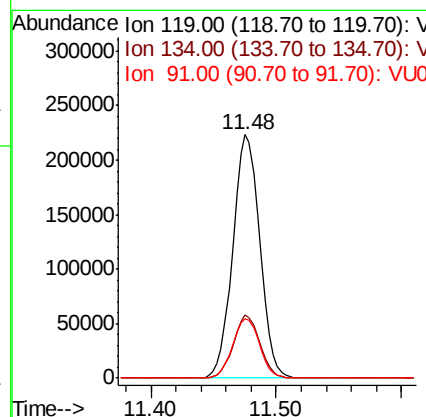
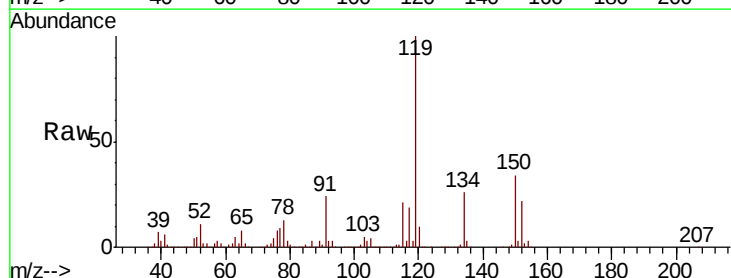
Instrument :
 MSVOA_U
 ClientSampled :
 BFB

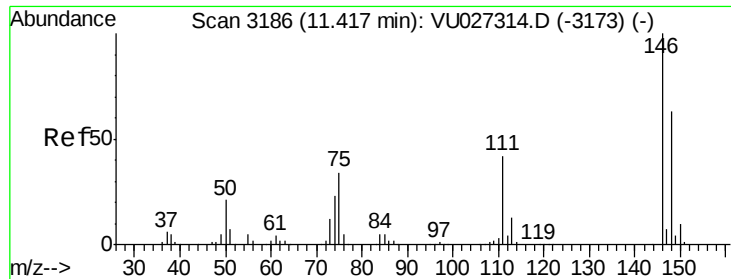
Tgt Ion:105 Resp: 381739
 Ion Ratio Lower Upper
 105 100
 134 19.2 9.6 28.6



#86
 p-Isopropyltoluene
 Concen: 50.841 ug/l
 RT: 11.48 min Scan# 3204
 Delta R.T. -0.00 min
 Lab File: VU027458.D
 Acq: 05 Oct 2018 17:13

Tgt Ion:119 Resp: 331657
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.7 38.1
 91 24.6 12.2 36.4

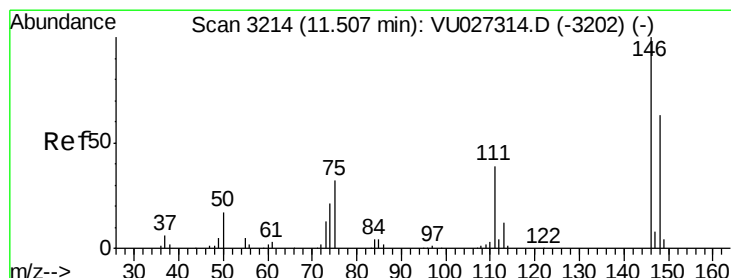
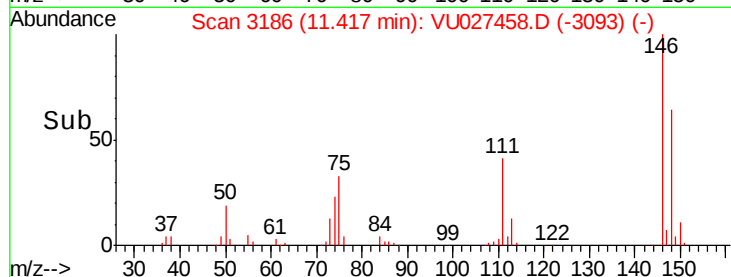
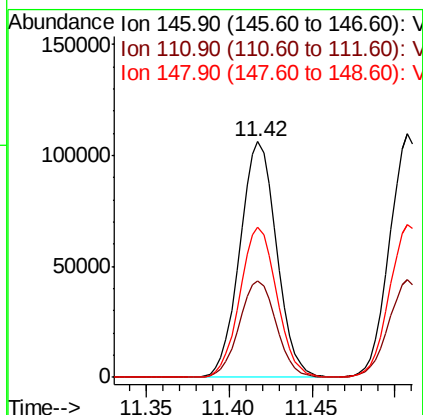
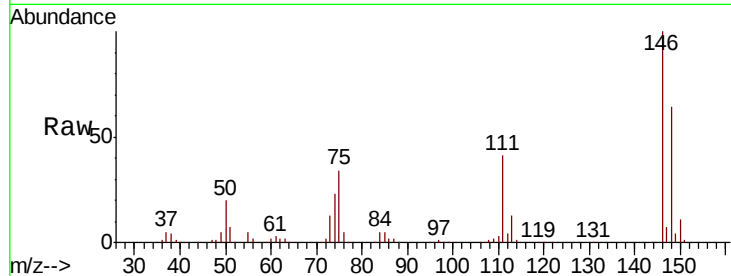




#87
 1,3-Dichlorobenzene
 Concen: 48.461 ug/l
 RT: 11.42 min Scan# 3186
 Delta R.T. 0.00 min
 Lab File: VU027458.D
 Acq: 05 Oct 2018 17:13

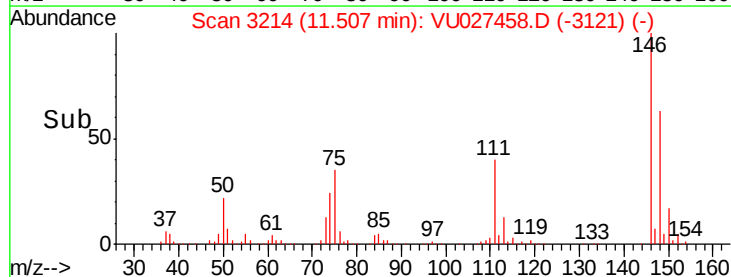
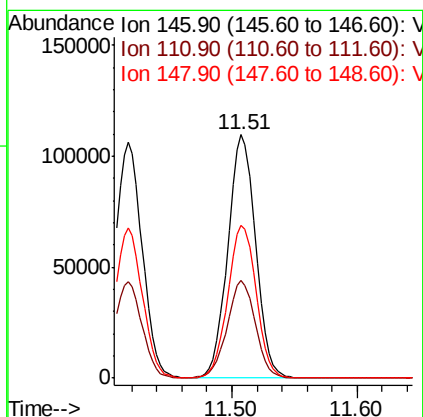
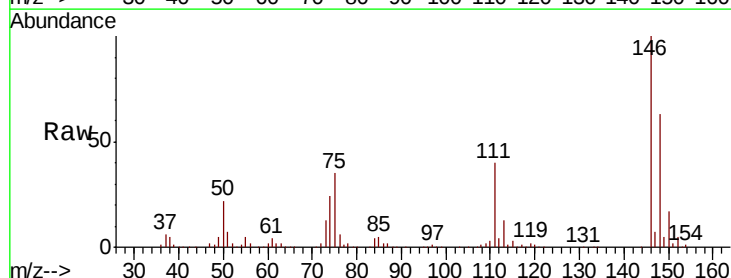
Instrument :
 MSVOA_U
 ClientSampled :
 BFB

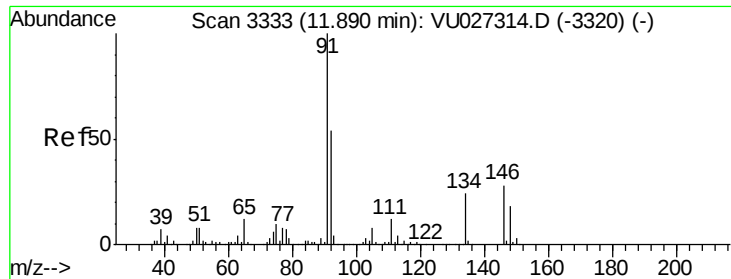
Tgt Ion:146 Resp: 163844
 Ion Ratio Lower Upper
 146 100
 111 41.3 20.8 62.5
 148 63.9 31.6 94.8



#88
 1,4-Dichlorobenzene
 Concen: 48.680 ug/l
 RT: 11.51 min Scan# 3214
 Delta R.T. 0.00 min
 Lab File: VU027458.D
 Acq: 05 Oct 2018 17:13

Tgt Ion:146 Resp: 168186
 Ion Ratio Lower Upper
 146 100
 111 40.9 20.4 61.2
 148 64.2 31.9 95.5

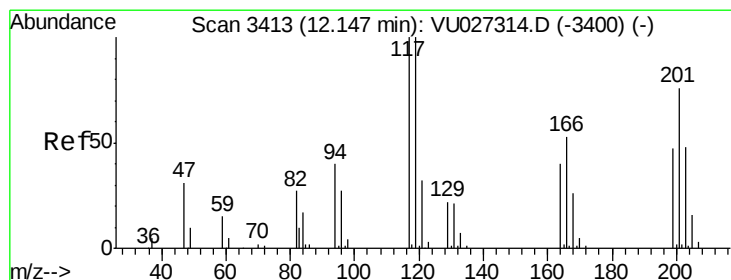
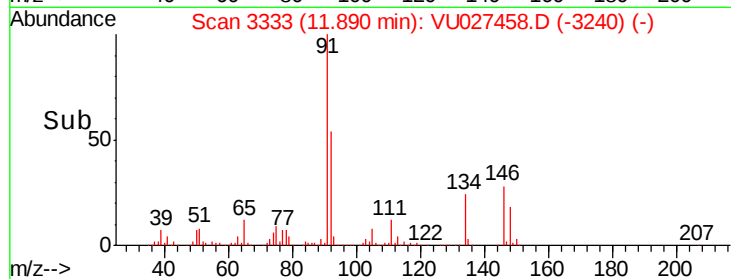
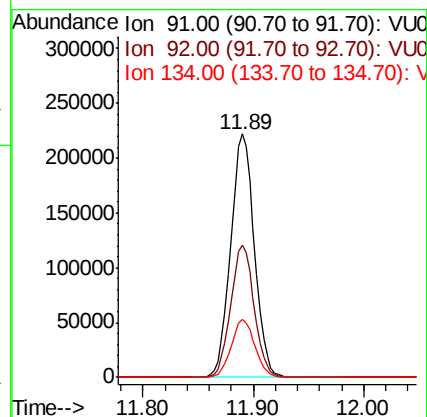
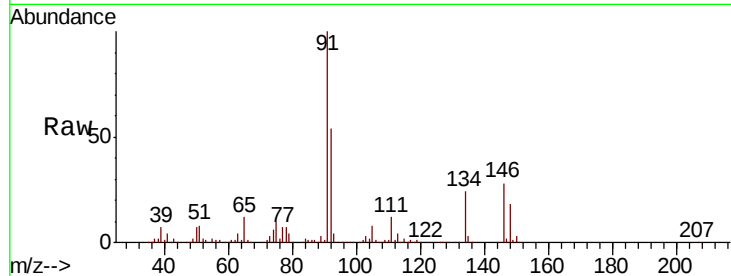




#89
n-Butylbenzene
Concen: 47.785 ug/l
RT: 11.89 min Scan# 3333
Delta R.T. 0.00 min
Lab File: VU027458.D
Acq: 05 Oct 2018 17:13

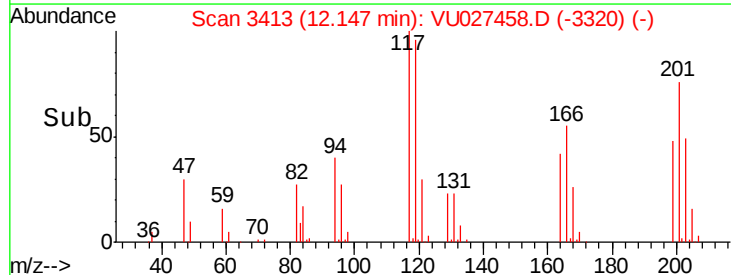
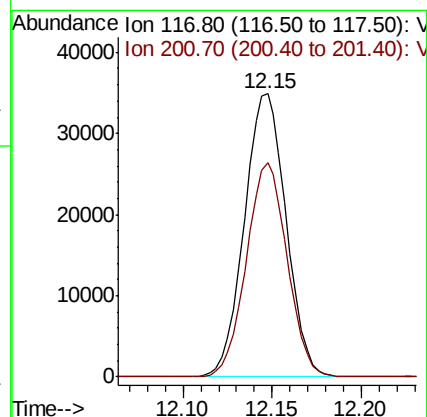
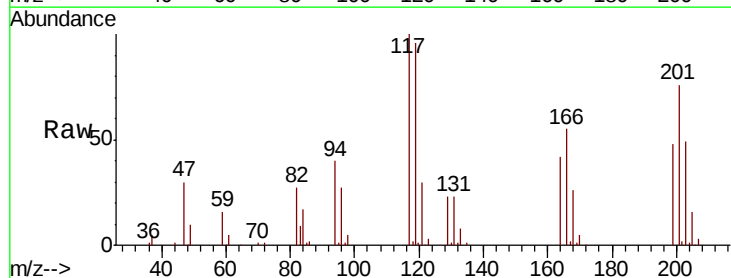
Instrument :
MSVOA_U
ClientSampled :
BFB

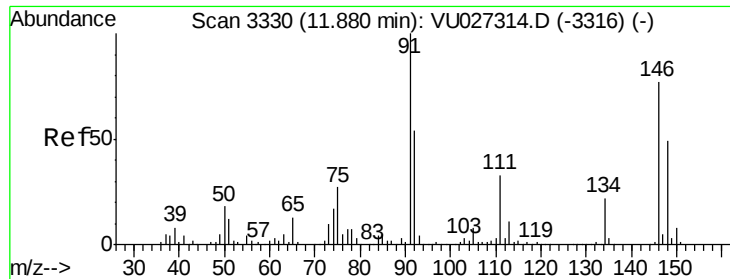
Tgt Ion: 91 Resp: 330170
Ion Ratio Lower Upper
91 100
92 54.0 27.0 81.0
134 23.7 11.7 35.1



#90
Hexachloroethane
Concen: 46.348 ug/l
RT: 12.15 min Scan# 3413
Delta R.T. -0.00 min
Lab File: VU027458.D
Acq: 05 Oct 2018 17:13

Tgt Ion: 117 Resp: 56990
Ion Ratio Lower Upper
117 100
201 74.0 37.9 113.6

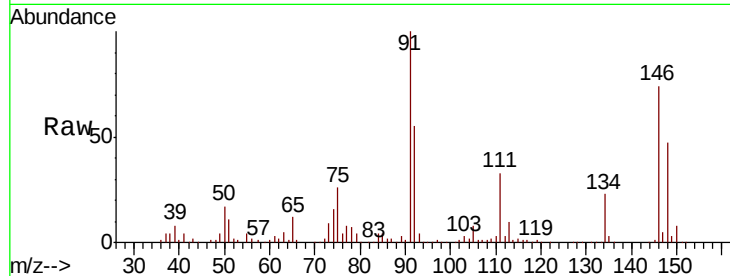




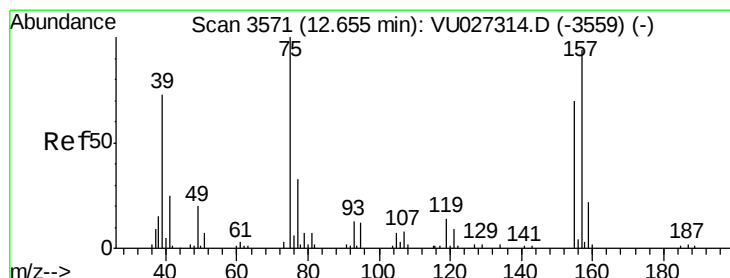
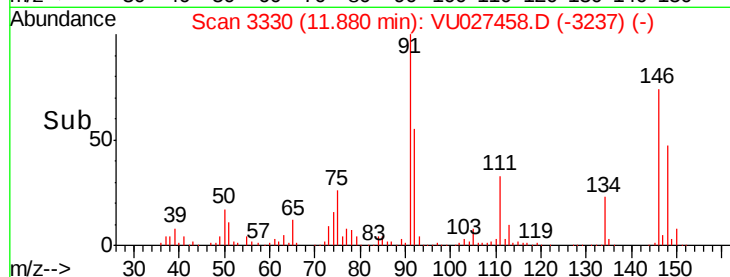
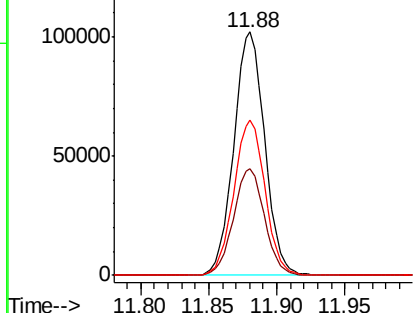
#91
 1,2-Dichlorobenzene
 Concen: 48.679 ug/l
 RT: 11.88 min Scan# 3330
 Delta R.T. -0.00 min
 Lab File: VU027458.D
 Acq: 05 Oct 2018 17:13

Instrument :
 MSVOA_U
 ClientSampleId :
 BFB

Tgt Ion: 146 Resp: 160203
 Ion Ratio Lower Upper
 146 100
 111 44.0 21.8 65.4
 148 64.3 31.9 95.5

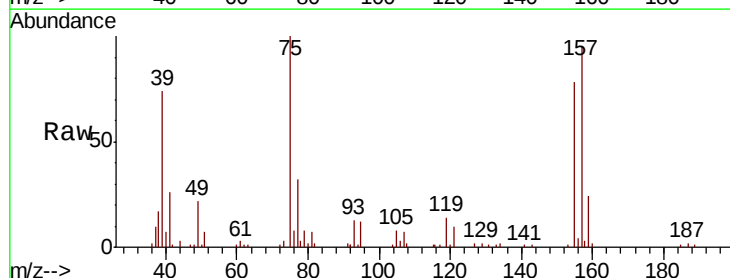


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

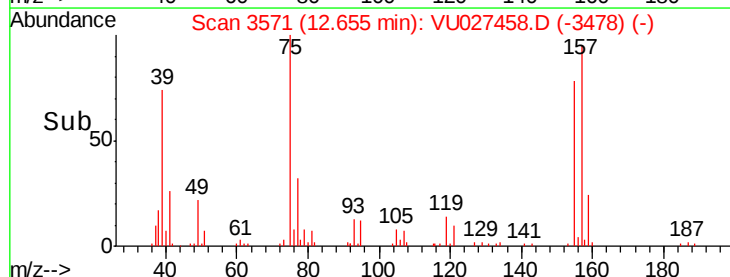
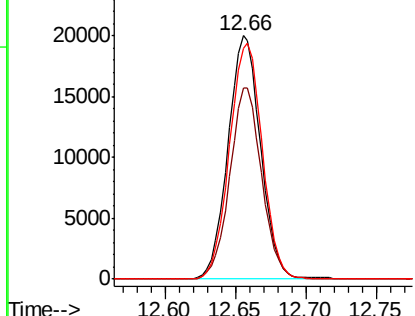


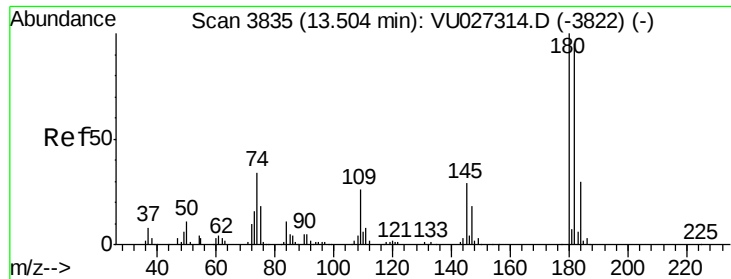
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.356 ug/l
 RT: 12.66 min Scan# 3571
 Delta R.T. -0.00 min
 Lab File: VU027458.D
 Acq: 05 Oct 2018 17:13

Tgt Ion: 75 Resp: 32330
 Ion Ratio Lower Upper
 75 100
 155 76.7 35.9 107.8
 157 97.2 46.9 140.6



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

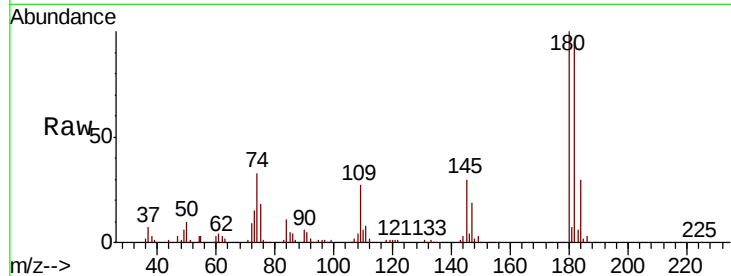




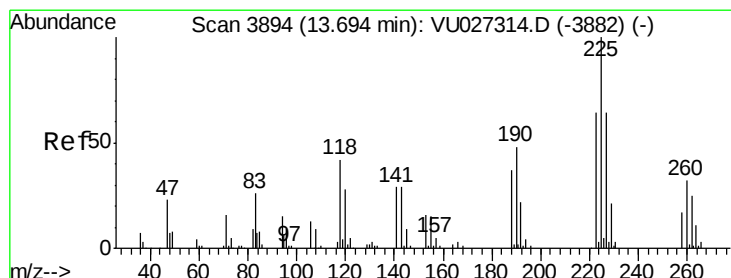
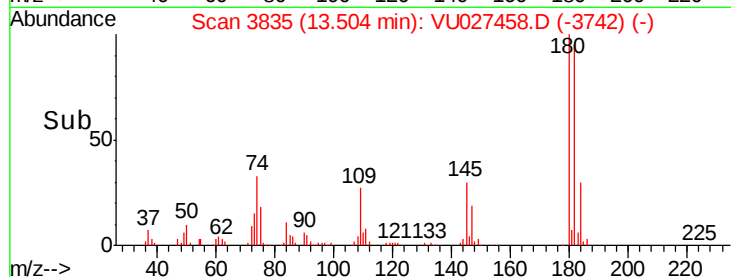
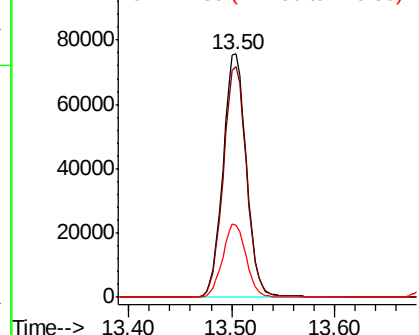
#93
 1,2,4-Trichlorobenzene
 Concen: 56.070 ug/l
 RT: 13.50 min Scan# 3835
 Delta R.T. 0.00 min
 Lab File: VU027458.D
 Acq: 05 Oct 2018 17:13

Instrument :
 MSVOA_U
 ClientSampleId :
 BFB

Tgt Ion:180 Resp: 119400
 Ion Ratio Lower Upper
 180 100
 182 94.8 47.4 142.3
 145 30.1 14.6 44.0

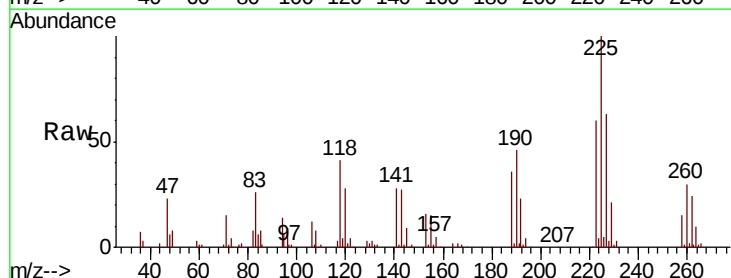


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

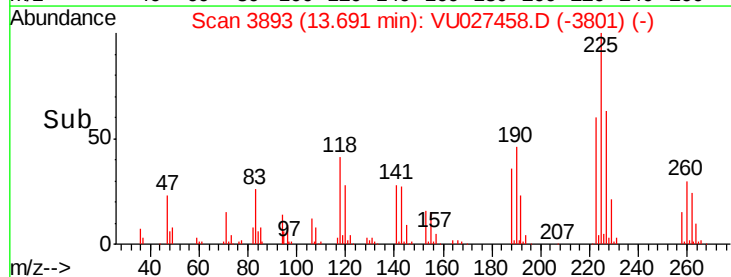
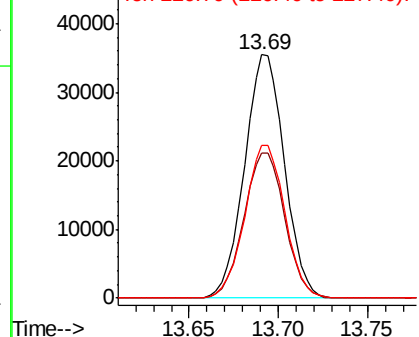


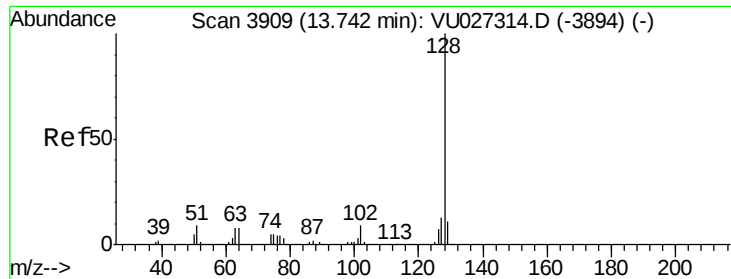
#94
 Hexachlorobutadiene
 Concen: 51.367 ug/l
 RT: 13.69 min Scan# 3893
 Delta R.T. -0.00 min
 Lab File: VU027458.D
 Acq: 05 Oct 2018 17:13

Tgt Ion:225 Resp: 55266
 Ion Ratio Lower Upper
 225 100
 223 61.0 31.8 95.3
 227 62.9 31.9 95.7



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

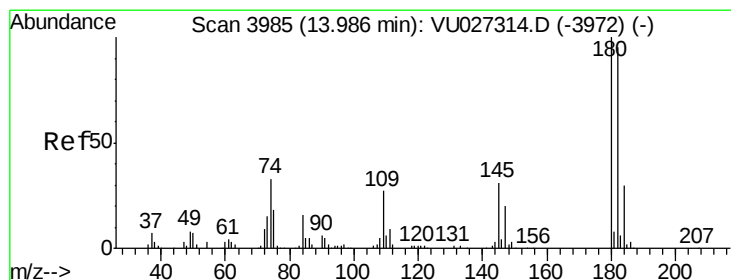
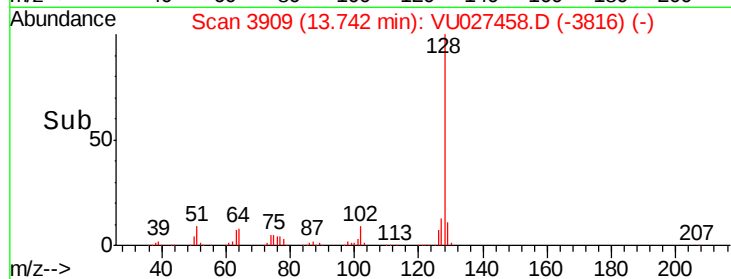
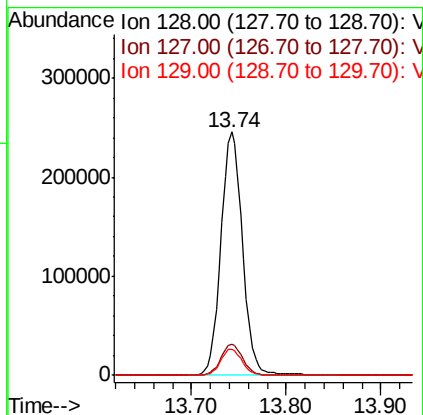
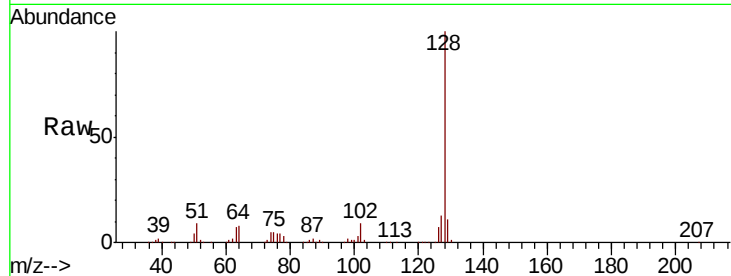




#95
Naphthalene
Concen: 48.672 ug/l
RT: 13.74 min Scan# 3909
Delta R.T. 0.00 min
Lab File: VU027458.D
Acq: 05 Oct 2018 17:13

Instrument :
MSVOA_U
ClientSampleId :
BFB

Tgt Ion:128 Resp: 388890
Ion Ratio Lower Upper
128 100
127 13.0 10.5 15.7
129 10.6 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 53.900 ug/l
RT: 13.99 min Scan# 3985
Delta R.T. 0.00 min
Lab File: VU027458.D
Acq: 05 Oct 2018 17:13

Tgt Ion:180 Resp: 119579
Ion Ratio Lower Upper
180 100
182 95.1 47.4 142.2
145 30.7 15.9 47.7

