

Data File : VU036019.D
Acq On : 06 Dec 2019 13:11
Operator : JC/SP
Sample : K6132-20
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFQW1

Quant Time: Dec 06 22:34:27 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Dec 06 22:30:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	294495	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	302338	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	130229	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	115464	3.44	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	68.80%
7) Chloroethane-d5	1.93	69	120107	4.46	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.20%
11) 1,1-Dichloroethene-d2	2.59	63	143322	2.97	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.40%#
20) 2-Butanone-d5	4.70	46	269262	45.29	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.58%
24) Chloroform-d	5.11	84	202317	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.80%
26) 1,2-Dichloroethane-d4	5.75	65	102268	4.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.80%
32) Benzene-d6	5.77	84	385712	4.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.20%
36) 1,2-Dichloropropane-d6	6.73	67	123069	4.25	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.00%
41) Toluene-d8	7.93	98	315505	3.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.60%
43) trans-1,3-Dichloropropene-	8.21	79	42236	3.61	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.20%
46) 2-Hexanone-d5	8.68	63	203485	44.18	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.36%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	108944	4.47	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.40%
64) 1,2-Dichlorobenzene-d4	12.22	152	125707	4.67	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.40%

Target Compounds

						Qvalue
5) Vinyl chloride	1.62	62	147746	4.200	ug/L #	10
8) Chloroethane	1.95	64	79171	3.629	ug/L #	83
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	4082	0.180	ug/L #	66
12) 1,1-Dichloroethene	2.60	96	4825	0.229	ug/L #	1
13) Acetone	2.69	43	51634	9.607	ug/L	90
14) Carbon disulfide	2.82	76	5788	0.078	ug/L	99
15) Methyl Acetate	3.00	43	5601	0.581	ug/L #	78
16) Methylene chloride	3.08	84	18028	0.551	ug/L	95
18) trans-1,2-Dichloroethene	3.39	96	2574	0.115	ug/L	99
19) 1,1-Dichloroethane	3.92	63	342835	7.847	ug/L	99
21) 2-Butanone	4.78	43	107385	15.564	ug/L	98
22) cis-1,2-Dichloroethene	4.72	96	343742	14.559	ug/L	92
25) Chloroform	5.14	83	55399	1.257	ug/L	100
27) 1,2-Dichloroethane	5.84	62	4580	0.163	ug/L	97
29) 1,1,1-Trichloroethane	5.36	97	145495	3.979	ug/L	98
31) Carbon tetrachloride	5.36	117	19196	0.592	ug/L	97
33) Benzene	5.82	78	170834	1.797	ug/L	100

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Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Dec 06 22:30:31 2019
Response via : Initial Calibration

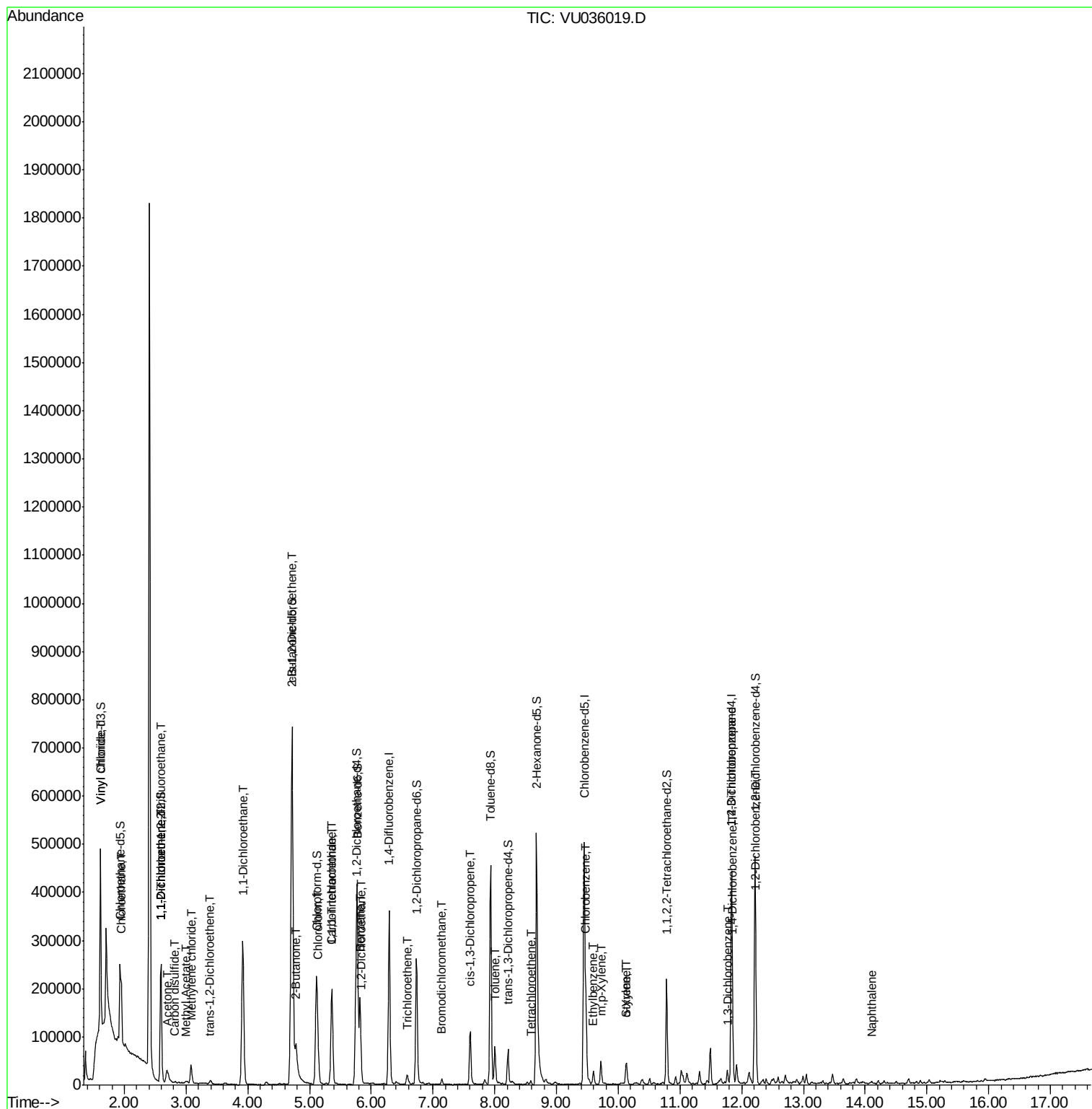
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
34) Trichloroethene	6.58	95	6566	0.273	ug/L	94
38) Bromodichloromethane	7.14	83	6980	0.227	ug/L #	85
39) cis-1,3-Dichloropropene	7.60	75	2835	0.083	ug/L #	30
42) Toluene	8.00	91	56906	0.573	ug/L	100
47) Tetrachloroethene	8.58	164	1891	0.097	ug/L #	80
51) Chlorobenzene	9.48	112	94918	1.531	ug/L	99
52) Ethylbenzene	9.60	91	18922	0.188	ug/L	89
53) m,p-Xylene	9.72	106	13957	0.368	ug/L	97
54) o-Xylene	10.13	106	9923	0.279	ug/L	95
55) Styrene	10.14	104	9385	0.157	ug/L	100
59) 1,2,3-Trichloropropane	11.84	75	19848	1.186	ug/L	96
62) 1,3-Dichlorobenzene	11.77	146	5865	0.135	ug/L	94
63) 1,4-Dichlorobenzene	11.86	146	17661	0.411	ug/L	98
65) 1,2-Dichlorobenzene	12.24	146	18626	0.450	ug/L	94
69) Naphthalene	14.11	128	4183	0.232	ug/L #	92

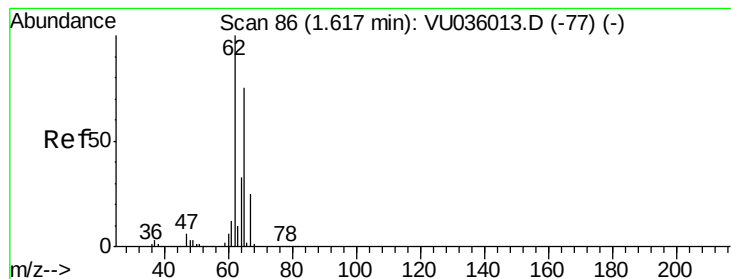
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#5

Vinyl chloride

Concen: 4.200 ug/L

RT: 1.62 min Scan# 86

Delta R.T. 0.00 min

Lab File: VU036019.D

Acq: 06 Dec 2019 13:11

Instrument :

MSVOA_U

ClientSampled :

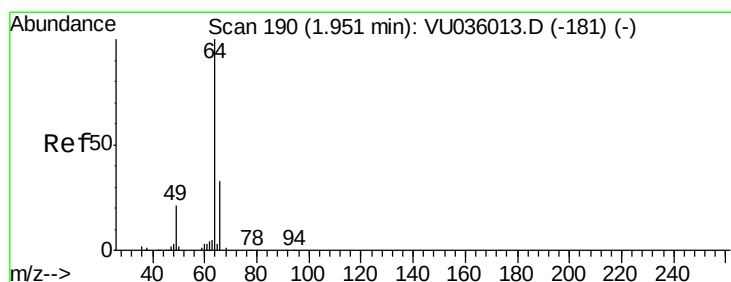
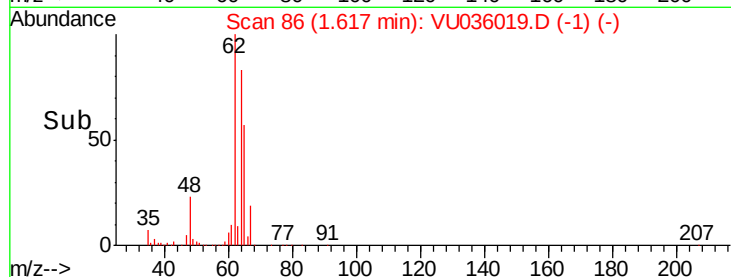
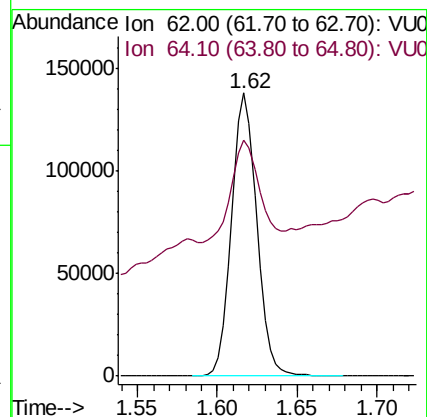
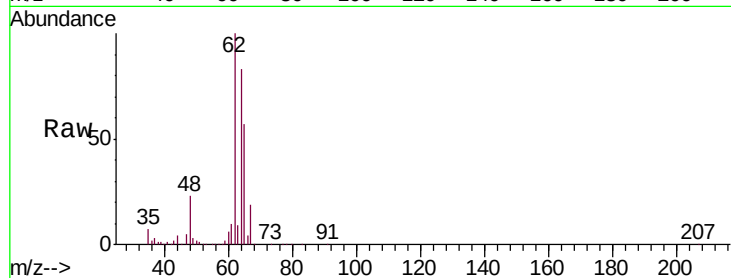
BFQW1

Tgt Ion: 62 Resp: 147746

Ion Ratio Lower Upper

62 100

64 83.3 23.0 42.6#



#8

Chloroethane

Concen: 3.629 ug/L

RT: 1.95 min Scan# 190

Delta R.T. 0.00 min

Lab File: VU036019.D

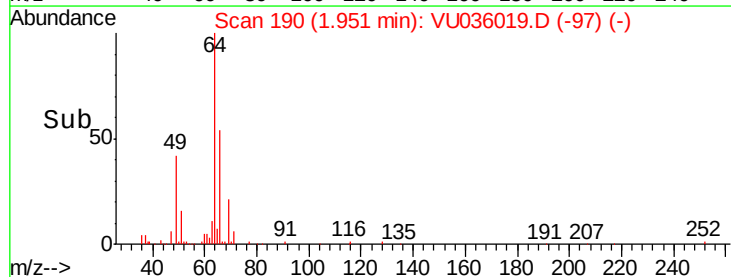
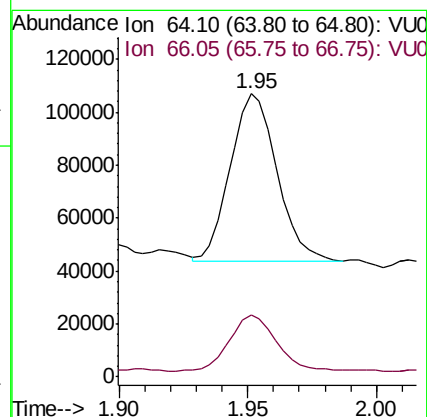
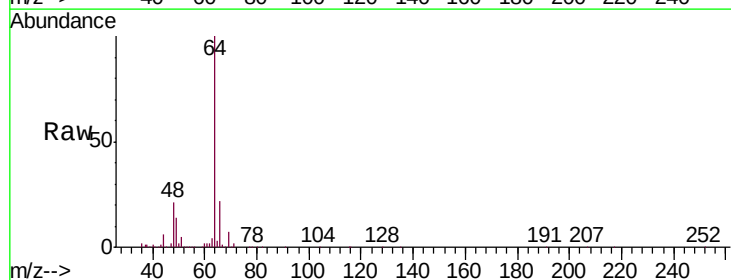
Acq: 06 Dec 2019 13:11

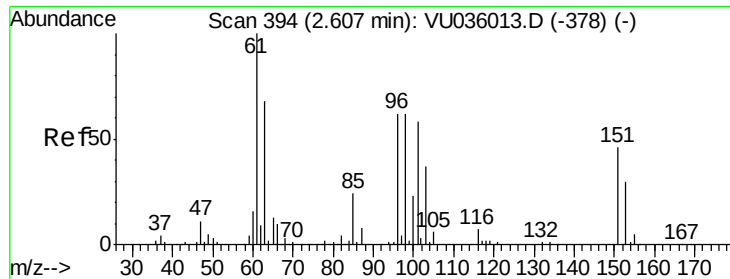
Tgt Ion: 64 Resp: 79171

Ion Ratio Lower Upper

64 100

66 21.7 22.0 40.8#





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.180 ug/L

RT: 2.60 min Scan# 391

Delta R.T. -0.01 min

Lab File: VU036019.D

Acq: 06 Dec 2019 13:11

Instrument :

MSVOA_U

ClientSampleId :

BFQW1

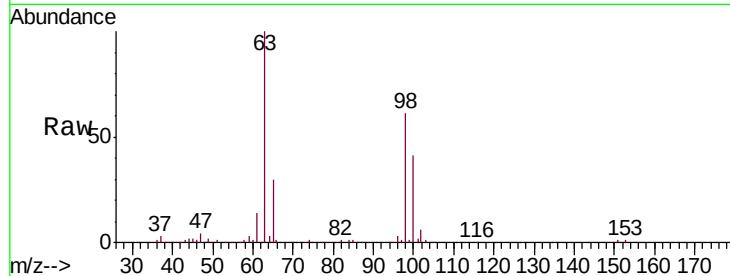
Tgt Ion:101 Resp: 4082

Ion Ratio Lower Upper

101 100

85 25.3 35.5 53.3#

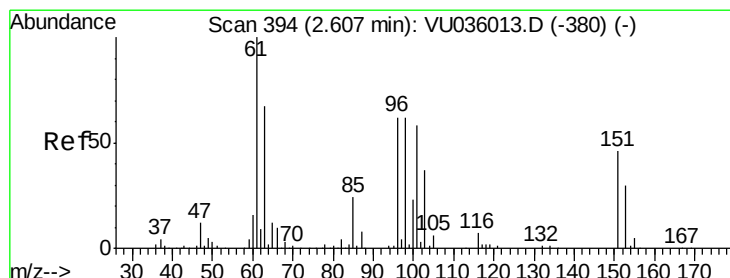
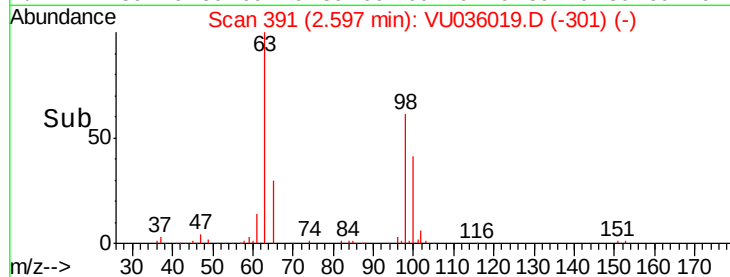
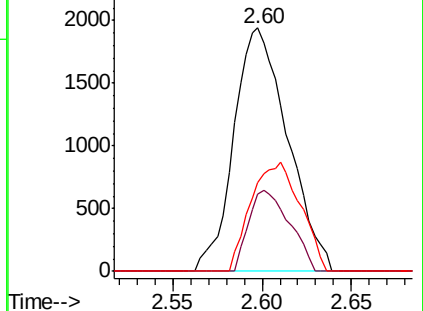
151 41.2 57.5 86.3#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 0.229 ug/L

RT: 2.60 min Scan# 393

Delta R.T. -0.00 min

Lab File: VU036019.D

Acq: 06 Dec 2019 13:11

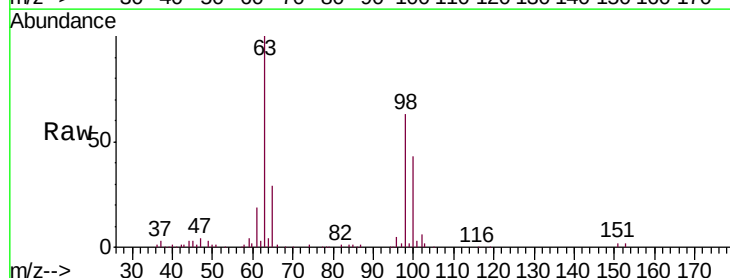
Tgt Ion: 96 Resp: 4825

Ion Ratio Lower Upper

96 100

61 349.9 127.1 236.1#

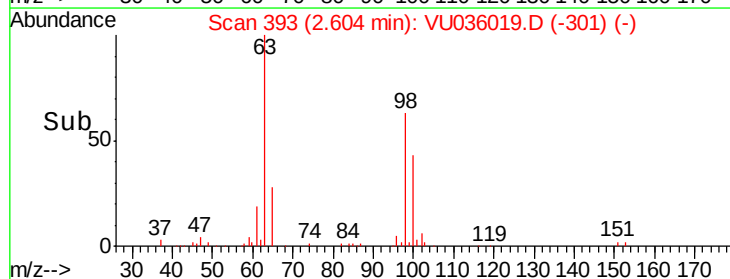
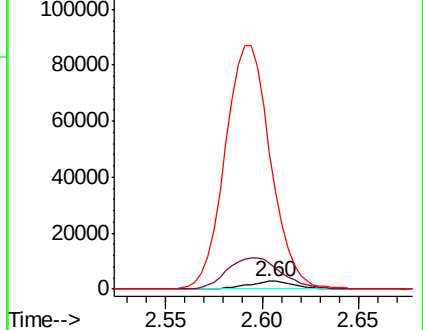
63 1823.5 86.0 159.8#

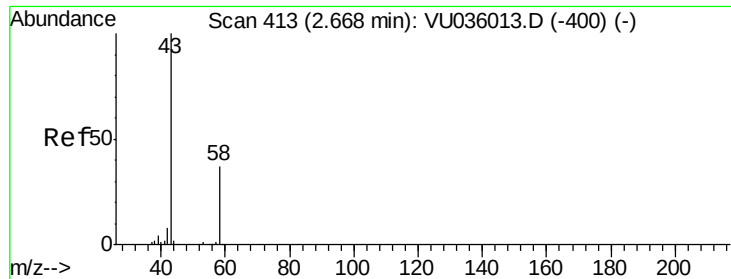


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 9.607 ug/L

RT: 2.69 min Scan# 420

Delta R.T. 0.02 min

Lab File: VU036019.D

Acq: 06 Dec 2019 13:11

Instrument :

MSVOA_U

ClientSampleId :

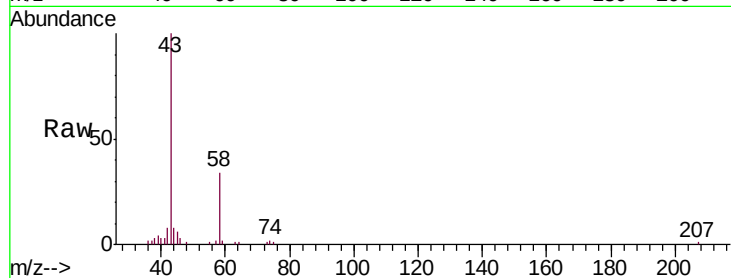
BFQW1

Tgt Ion: 43 Resp: 51634

Ion Ratio Lower Upper

43 100

58 28.6 0.0 68.6



Abundance Ion 43.05 (42.75 to 43.75): VU036019.D (-320) (-)

Ion 58.05 (57.75 to 58.75): VU036019.D (-320) (-)

2.69

15000

10000

5000

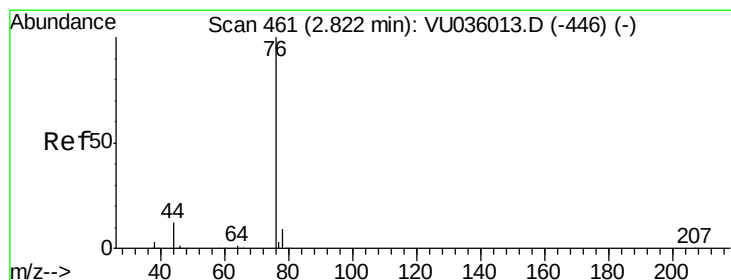
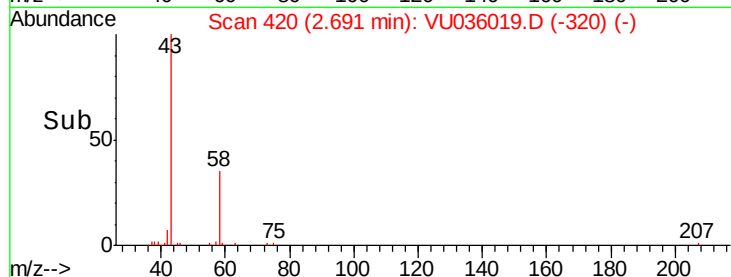
0

2.60

2.70

2.80

Time-->



#14

Carbon disulfide

Concen: 0.078 ug/L

RT: 2.82 min Scan# 460

Delta R.T. -0.00 min

Lab File: VU036019.D

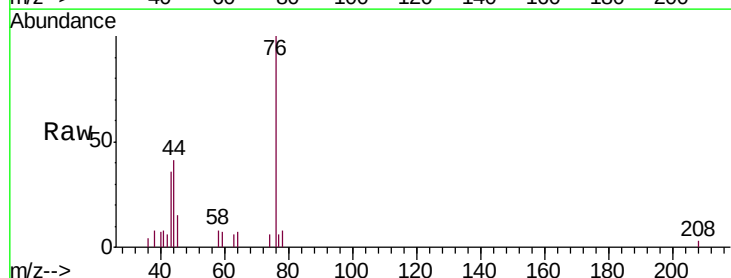
Acq: 06 Dec 2019 13:11

Tgt Ion: 76 Resp: 5788

Ion Ratio Lower Upper

76 100

78 8.1 6.9 10.3



Abundance Ion 76.05 (75.75 to 76.75): VU036019.D (-368) (-)

Ion 78.00 (77.70 to 78.70): VU036019.D (-368) (-)

2.82

3000

2000

1000

0

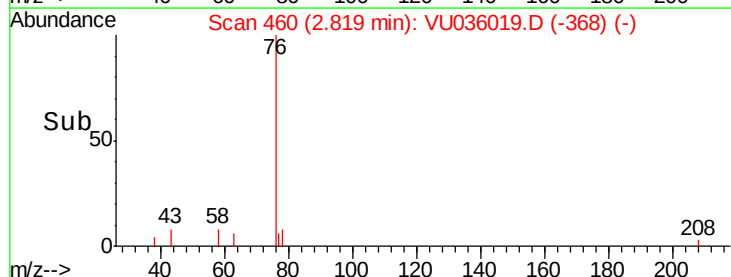
2.75

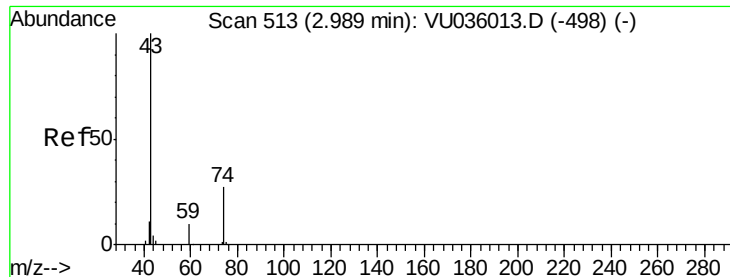
2.80

2.85

2.90

Time-->





#15

Methyl Acetate

Concen: 0.581 ug/L

RT: 3.00 min Scan# 516

Delta R.T. 0.01 min

Lab File: VU036019.D

Acq: 06 Dec 2019 13:11

Instrument :

MSVOA_U

ClientSampleId :

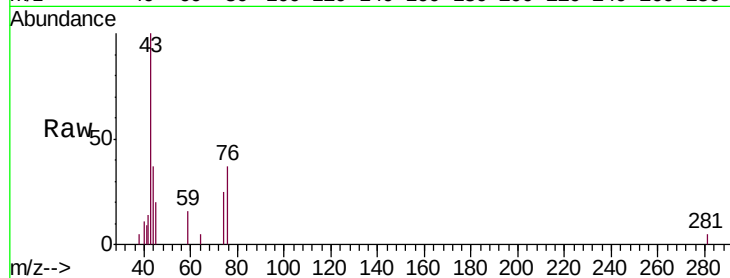
BFQW1

Tgt Ion: 43 Resp: 5601

Ion Ratio Lower Upper

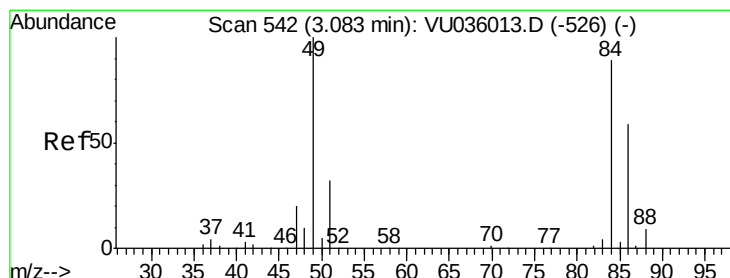
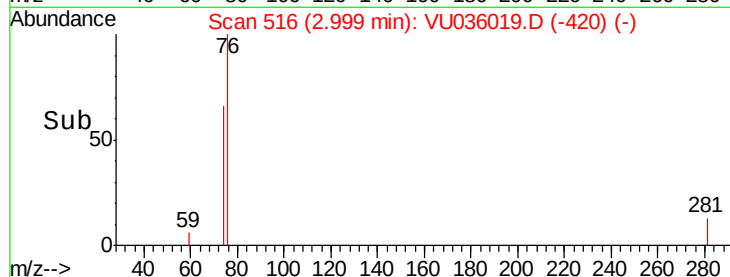
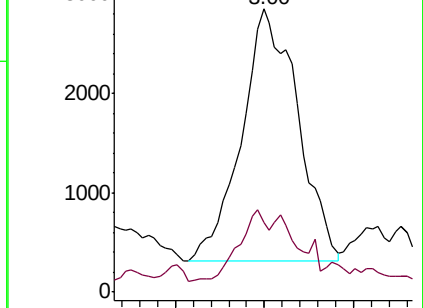
43 100

74 14.0 20.0 30.0#



Abundance Ion 43.05 (42.75 to 43.75): VU036019.D (-498) (-)

Ion 74.05 (73.75 to 74.75): VU036019.D (-498) (-)



#16

Methylene chloride

Concen: 0.551 ug/L

RT: 3.08 min Scan# 542

Delta R.T. 0.00 min

Lab File: VU036019.D

Acq: 06 Dec 2019 13:11

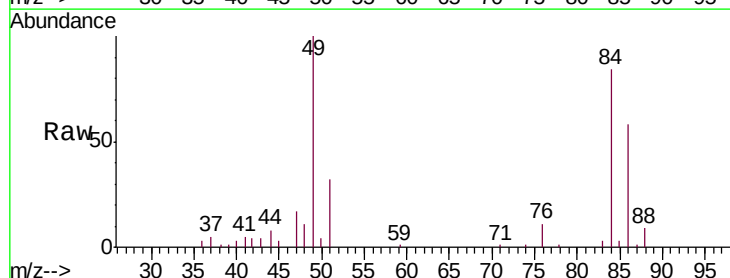
Tgt Ion: 84 Resp: 18028

Ion Ratio Lower Upper

84 100

86 68.3 44.7 82.9

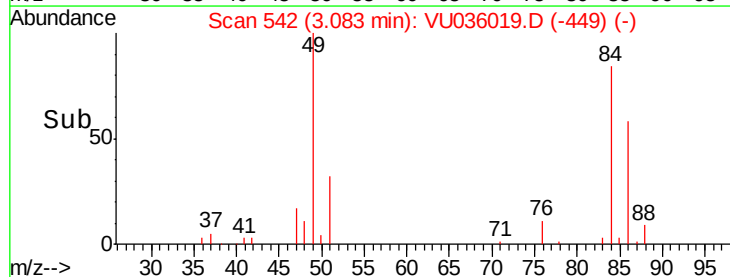
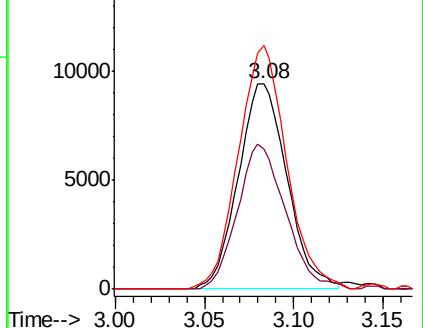
49 118.4 86.2 160.2

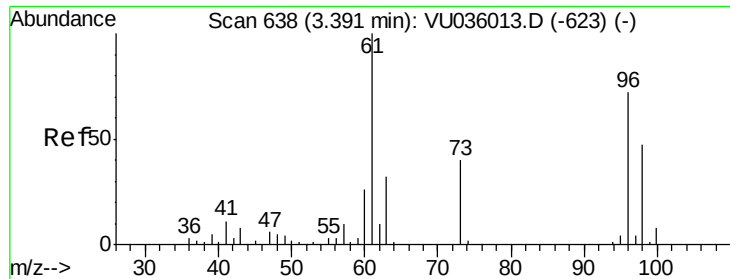


Abundance Ion 84.05 (83.75 to 84.75): VU036019.D (-449) (-)

Ion 86.00 (85.70 to 86.70): VU036019.D (-449) (-)

Ion 49.10 (48.80 to 49.80): VU036019.D (-449) (-)

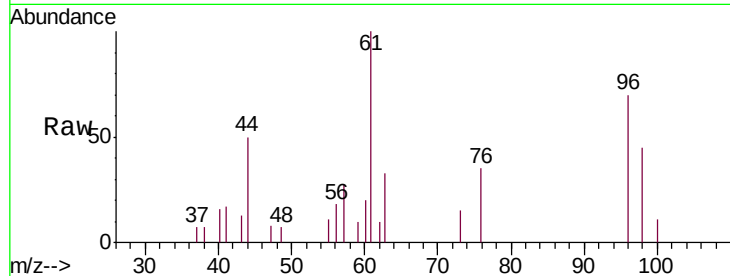




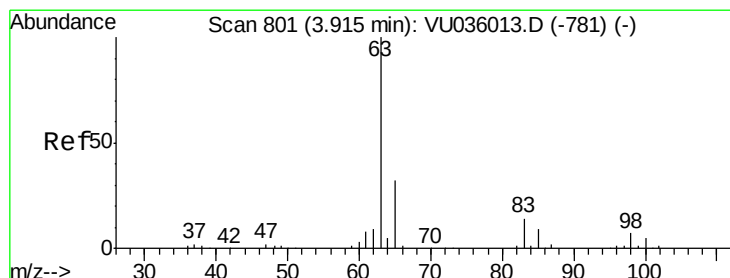
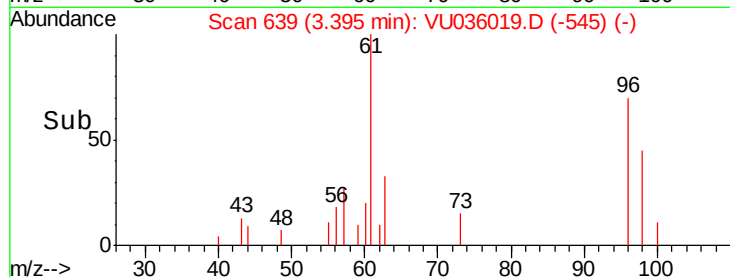
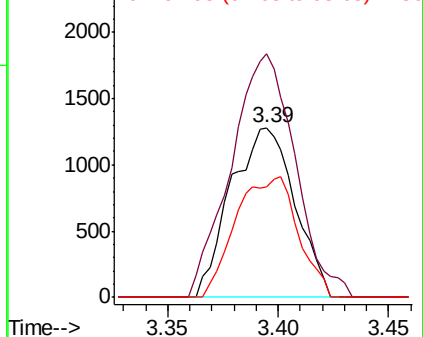
#18
trans-1,2-Dichloroethene
Concen: 0.115 ug/L
RT: 3.39 min Scan# 639
Delta R.T. 0.00 min
Lab File: VU036019.D
Acq: 06 Dec 2019 13:11

Instrument :
MSVOA_U
ClientSampleId :
BFQW1

Tgt Ion: 96 Resp: 2574
Ion Ratio Lower Upper
96 100
61 143.7 101.2 187.8
98 65.1 45.0 83.6

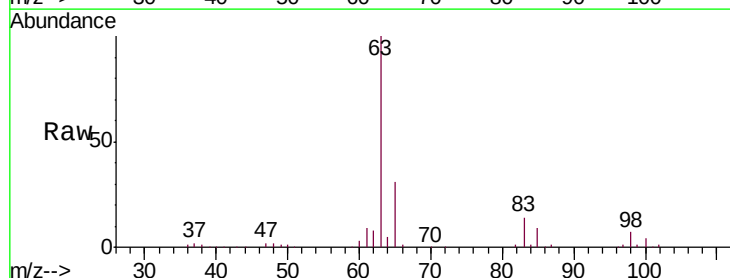


Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.05 (60.75 to 61.75): VU0
Ion 97.95 (97.65 to 98.65): VU0

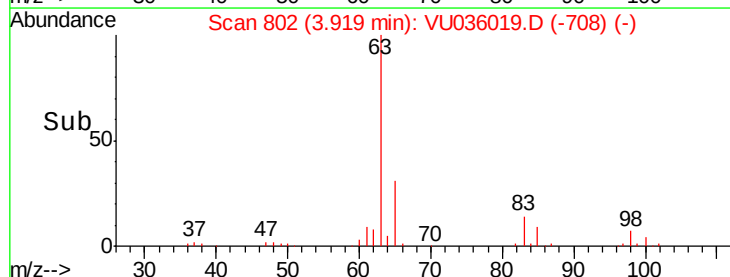
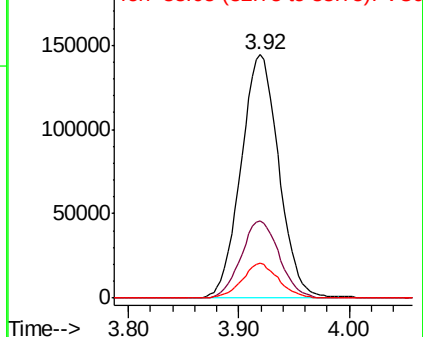


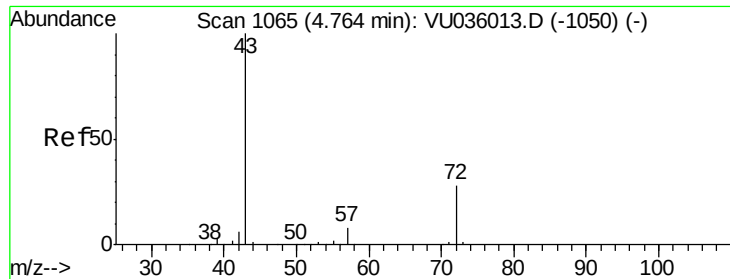
#19
1,1-Dichloroethane
Concen: 7.847 ug/L
RT: 3.92 min Scan# 802
Delta R.T. 0.00 min
Lab File: VU036019.D
Acq: 06 Dec 2019 13:11

Tgt Ion: 63 Resp: 342835
Ion Ratio Lower Upper
63 100
65 31.5 22.4 41.6
83 14.1 9.8 18.2



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 65.10 (64.80 to 65.80): VU0
Ion 83.05 (82.75 to 83.75): VU0





#21

2-Butanone

Concen: 15.564 ug/L

RT: 4.78 min Scan# 1070

Delta R.T. 0.02 min

Lab File: VU036019.D

Acq: 06 Dec 2019 13:11

Instrument :

MSVOA_U

ClientSampleId :

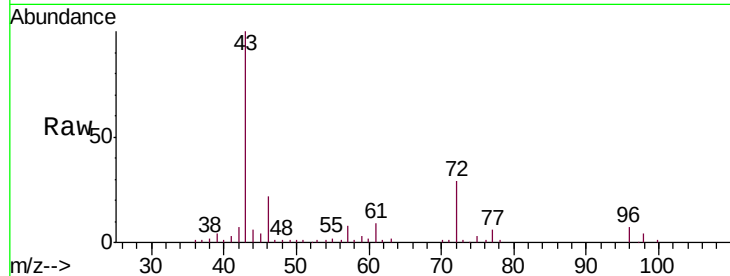
BFQW1

Tgt Ion: 43 Resp: 107385

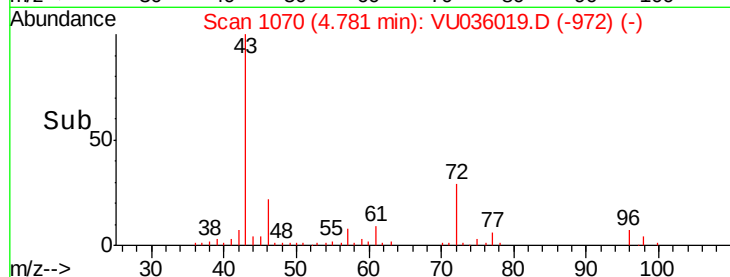
Ion Ratio Lower Upper

43 100

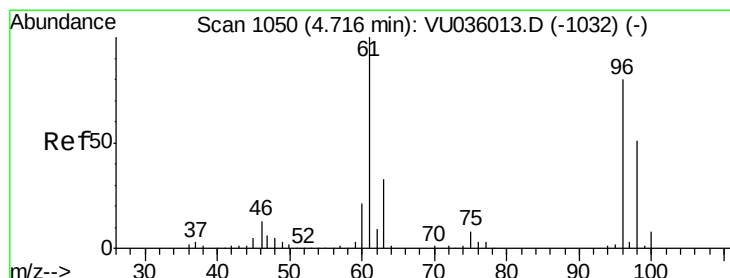
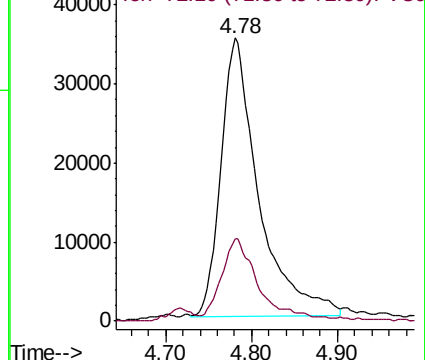
72 26.4 12.6 37.8



Abundance Ion 43.05 (42.75 to 43.75): VU036019.D (-972) (-)



Ion 72.10 (71.80 to 72.80): VU036019.D (-972) (-)



#22

cis-1,2-Dichloroethene

Concen: 14.559 ug/L

RT: 4.72 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VU036019.D

Acq: 06 Dec 2019 13:11

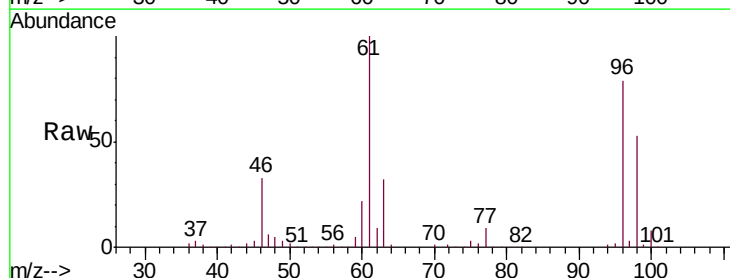
Tgt Ion: 96 Resp: 343742

Ion Ratio Lower Upper

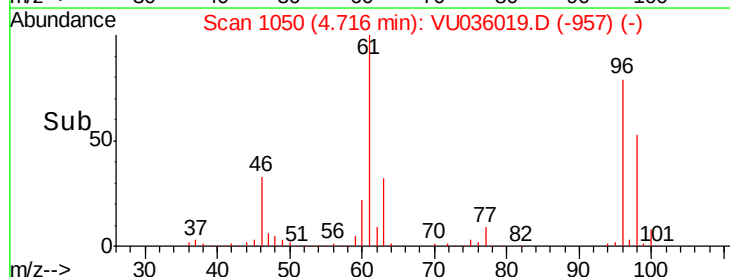
96 100

61 126.9 95.7 177.7

68 0.0 0.0 0.0

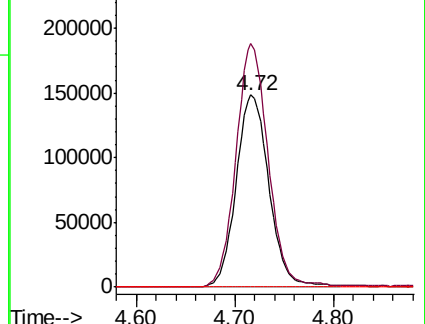


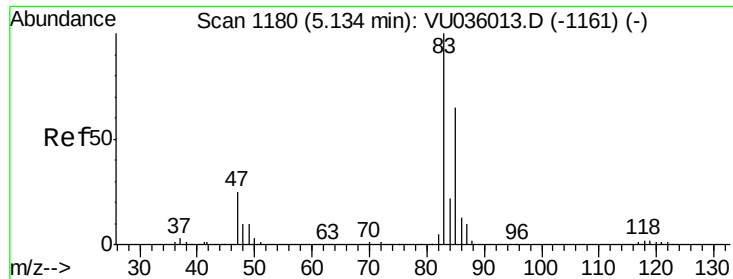
Abundance Ion 96.00 (95.70 to 96.70): VU036019.D (-957) (-)



Ion 61.05 (60.75 to 61.75): VU036019.D (-957) (-)

Ion 68.15 (67.85 to 68.85): VU036019.D (-957) (-)

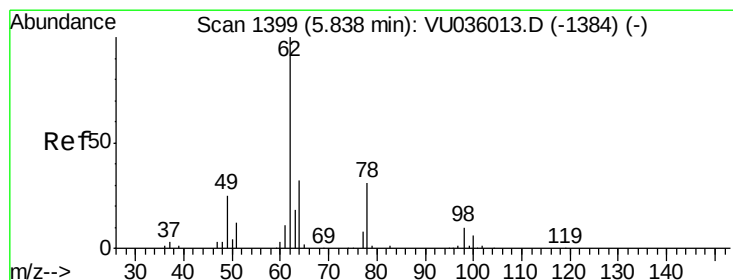
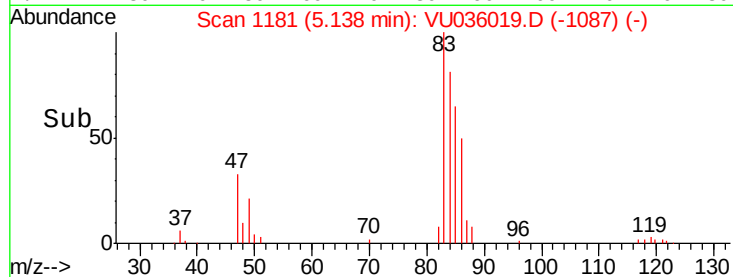
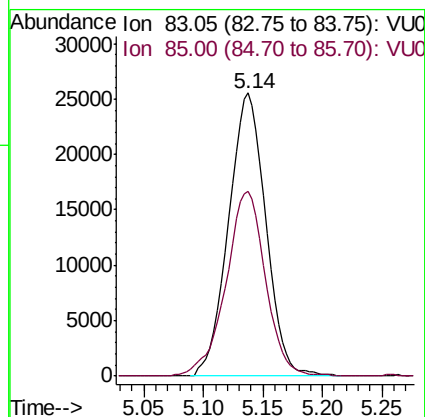
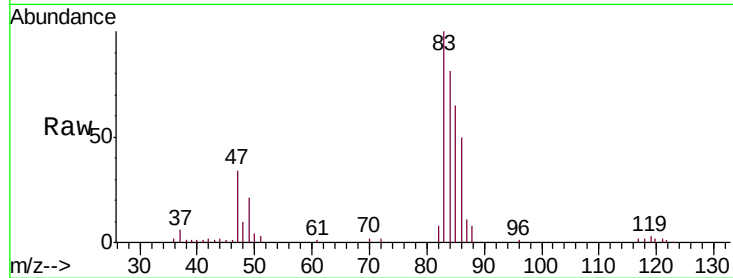




#25
Chloroform
Concen: 1.257 ug/L
RT: 5.14 min Scan# 1181
Delta R.T. 0.00 min
Lab File: VU036019.D
Acq: 06 Dec 2019 13:11

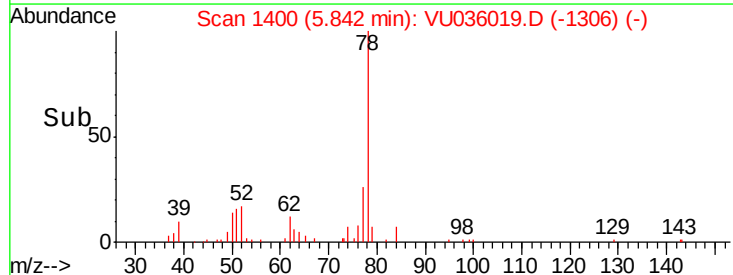
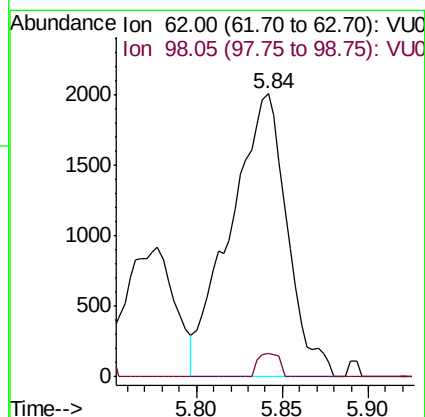
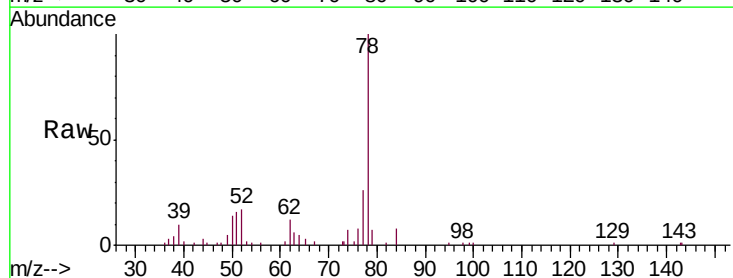
Instrument :
MSVOA_U
ClientSampleId :
BFQW1

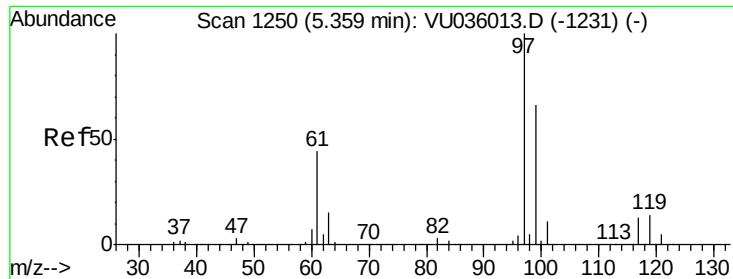
Tgt Ion: 83 Resp: 55399
Ion Ratio Lower Upper
83 100
85 65.1 45.4 84.2



#27
1,2-Dichloroethane
Concen: 0.163 ug/L
RT: 5.84 min Scan# 1400
Delta R.T. 0.00 min
Lab File: VU036019.D
Acq: 06 Dec 2019 13:11

Tgt Ion: 62 Resp: 4580
Ion Ratio Lower Upper
62 100
98 8.3 7.6 11.4





#29

1,1,1-Trichloroethane

Concen: 3.979 ug/L

RT: 5.36 min Scan# 1251

Delta R.T. 0.00 min

Lab File: VU036019.D

Acq: 06 Dec 2019 13:11

Instrument :

MSVOA_U

ClientSampleId :

BFQW1

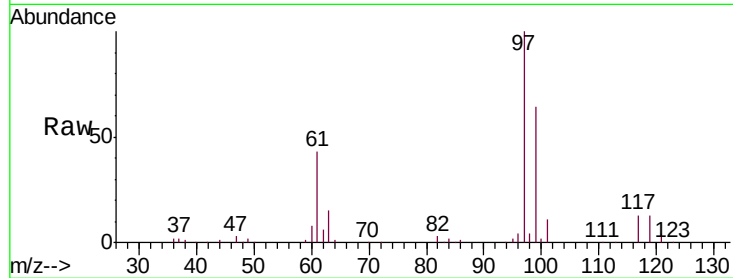
Tgt Ion: 97 Resp: 145495

Ion Ratio Lower Upper

97 100

99 64.1 51.8 77.8

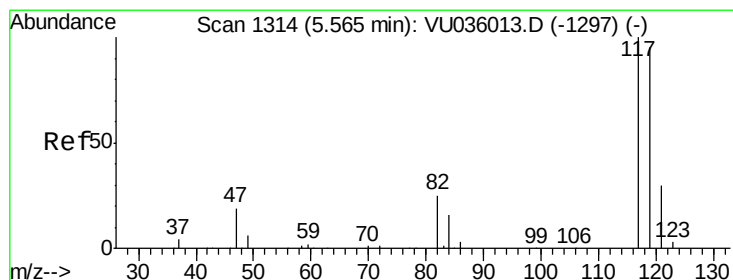
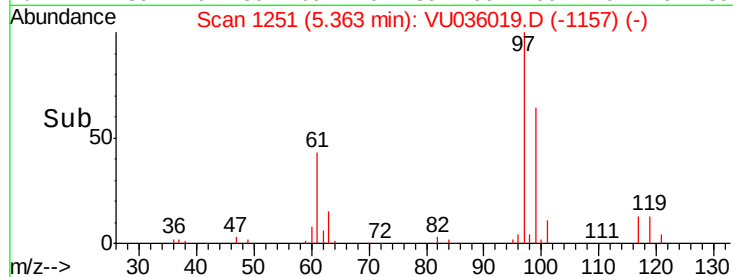
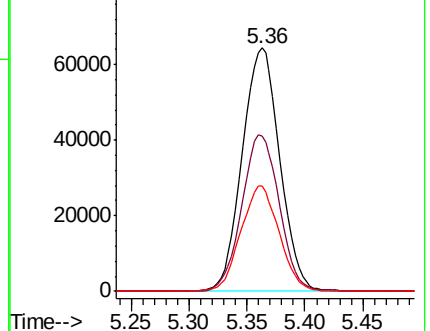
61 44.1 37.6 56.4



Abundance Ion 96.95 (96.65 to 97.65): VU036013.D (-1231) (-)

Ion 99.05 (98.75 to 99.75): VU036013.D (-1231) (-)

Ion 61.05 (60.75 to 61.75): VU036013.D (-1231) (-)



#31

Carbon tetrachloride

Concen: 0.592 ug/L

RT: 5.36 min Scan# 1251

Delta R.T. -0.20 min

Lab File: VU036019.D

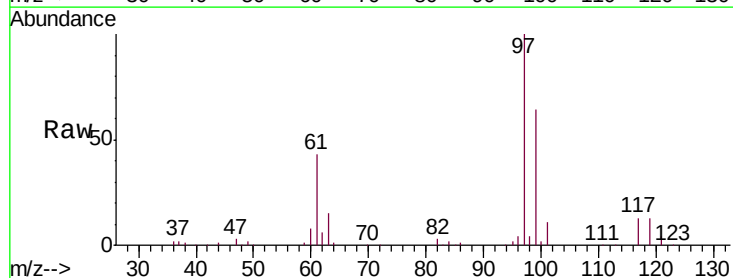
Acq: 06 Dec 2019 13:11

Tgt Ion: 117 Resp: 19196

Ion Ratio Lower Upper

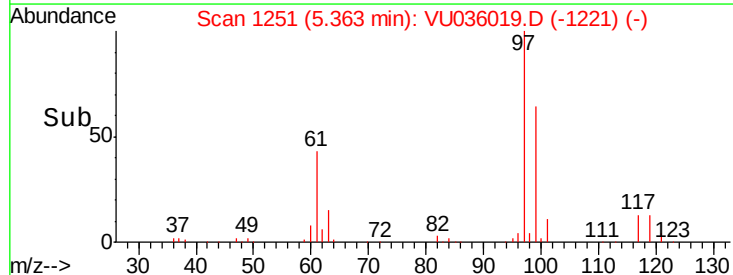
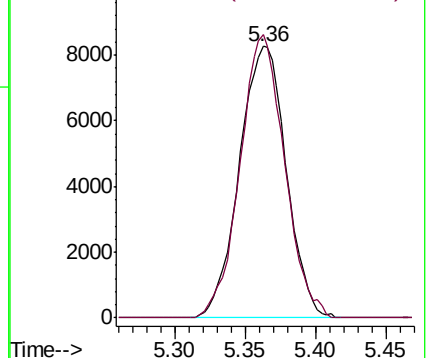
117 100

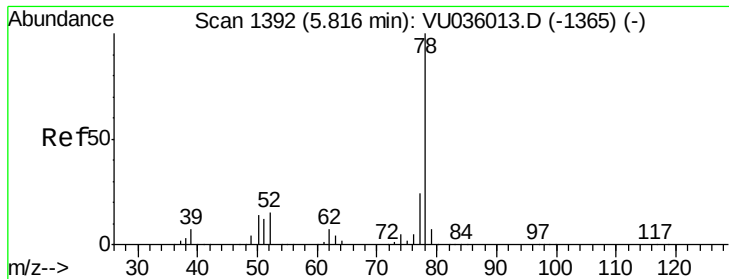
119 99.2 76.9 115.3



Abundance Ion 116.90 (116.60 to 117.60): VU036013.D (-1297) (-)

Ion 118.90 (118.60 to 119.60): VU036013.D (-1297) (-)





#33

Benzene

Concen: 1.797 ug/L

RT: 5.82 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VU036019.D

Acq: 06 Dec 2019 13:11

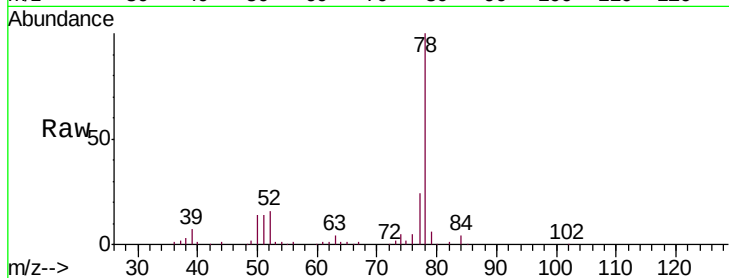
Instrument :

MSVOA_U

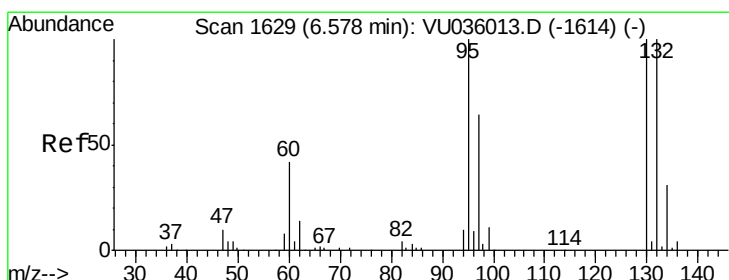
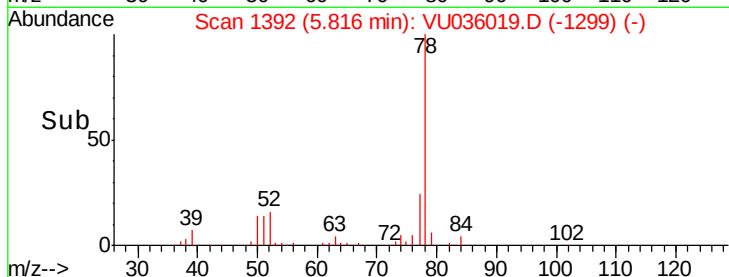
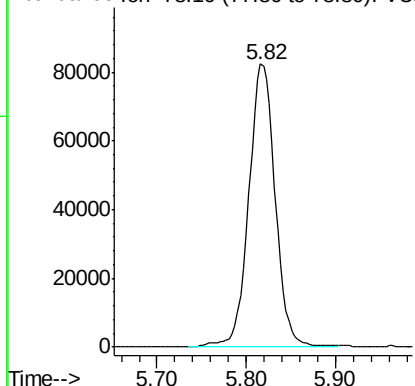
ClientSampleId :

BFQW1

Tgt Ion: 78 Resp: 170834



Abundance Ion 78.10 (77.80 to 78.80): VU0



#34

Trichloroethene

Concen: 0.273 ug/L

RT: 6.58 min Scan# 1629

Delta R.T. 0.00 min

Lab File: VU036019.D

Acq: 06 Dec 2019 13:11

Tgt Ion: 95 Resp: 6566

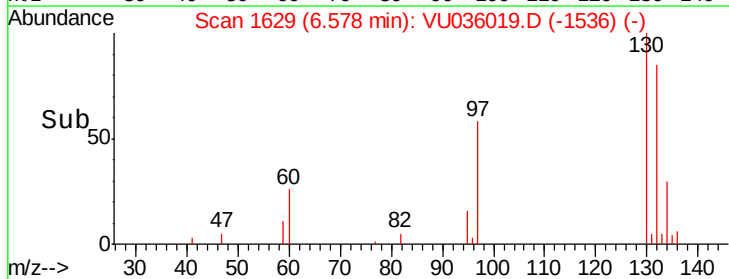
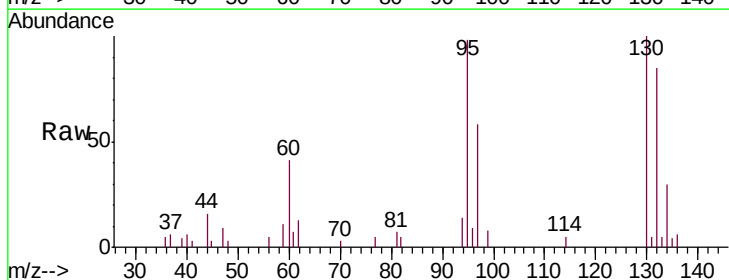
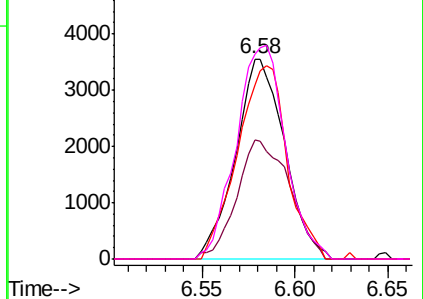
Ion	Ratio	Lower	Upper
95	100		
97	59.4	46.3	85.9
132	86.7	65.7	122.1
130	102.4	69.2	128.6

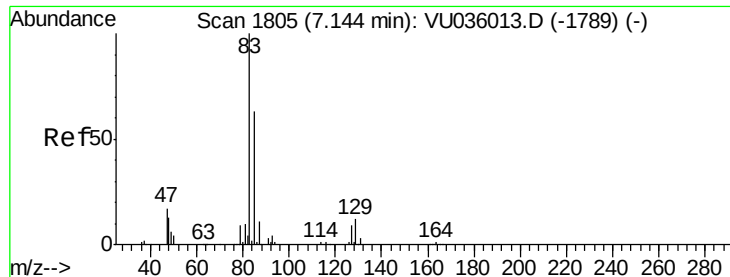
Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V





#38

Bromodichloromethane

Concen: 0.227 ug/L

RT: 7.14 min Scan# 1805

Delta R.T. 0.00 min

Lab File: VU036019.D

Acq: 06 Dec 2019 13:11

Instrument :

MSVOA_U

ClientSampleId :

BFQW1

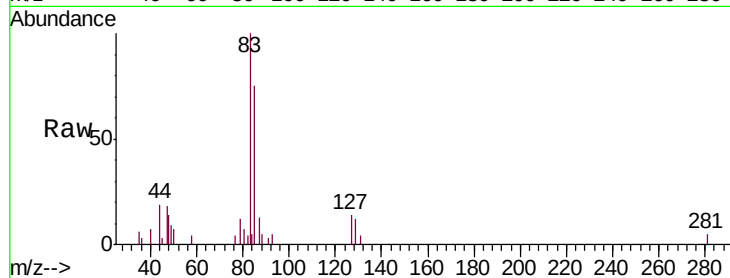
Tgt Ion: 83 Resp: 6980

Ion Ratio Lower Upper

83 100

85 74.7 44.0 81.8

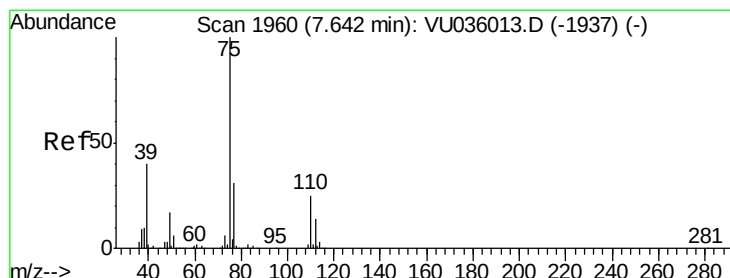
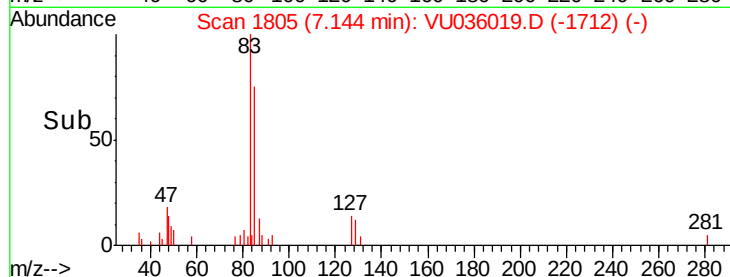
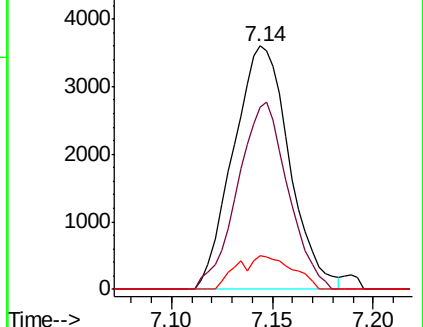
127 13.9 6.5 9.7#



Abundance Ion 82.95 (82.65 to 83.65): VU036019.D (-1712) (-)

Ion 85.00 (84.70 to 85.70): VU036019.D (-1712) (-)

Ion 126.90 (126.60 to 127.60): VU036019.D (-1712) (-)



#39

cis-1,3-Dichloropropene

Concen: 0.083 ug/L

RT: 7.60 min Scan# 1947

Delta R.T. -0.04 min

Lab File: VU036019.D

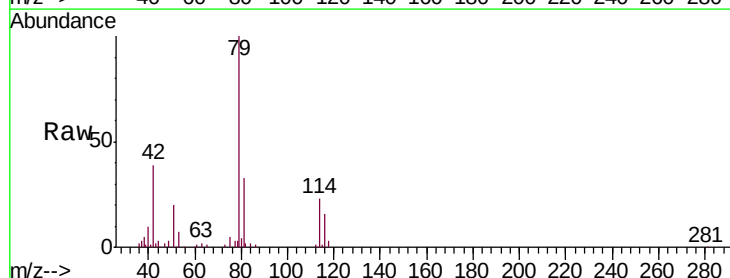
Acq: 06 Dec 2019 13:11

Tgt Ion: 75 Resp: 2835

Ion Ratio Lower Upper

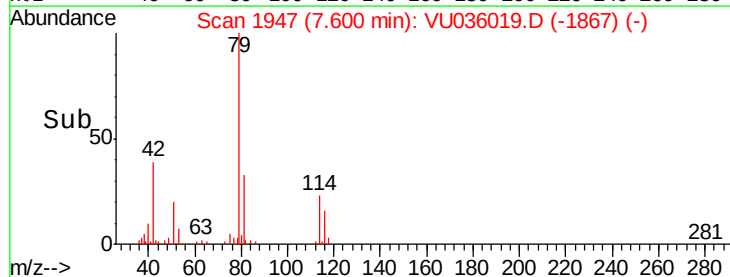
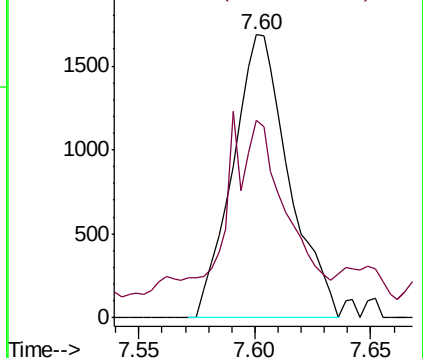
75 100

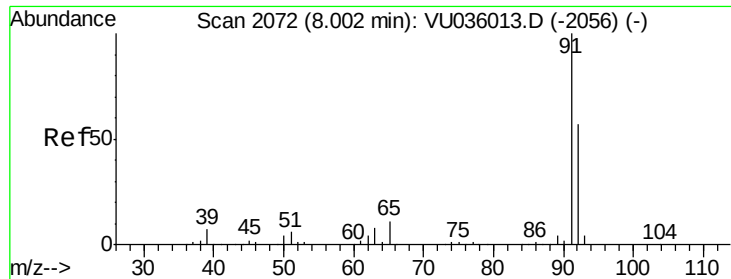
77 69.7 21.9 40.7#



Abundance Ion 75.05 (74.75 to 75.75): VU036019.D (-1867) (-)

Ion 77.05 (76.75 to 77.75): VU036019.D (-1867) (-)





#42

Toluene

Concen: 0.573 ug/L

RT: 8.00 min Scan# 2072

Delta R.T. 0.00 min

Lab File: VU036019.D

Acq: 06 Dec 2019 13:11

Instrument :

MSVOA_U

ClientSampleId :

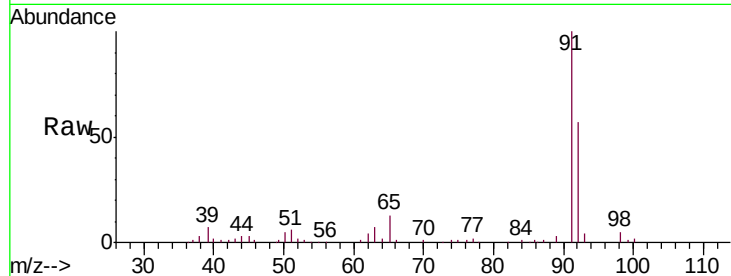
BFQW1

Tgt Ion: 91 Resp: 56906

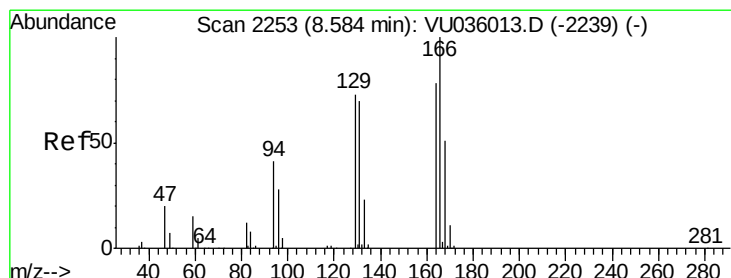
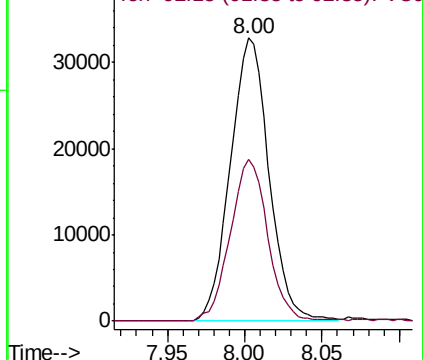
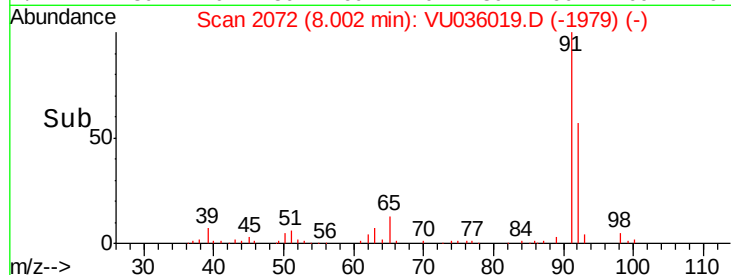
Ion Ratio Lower Upper

91 100

92 57.0 39.8 74.0



Abundance Ion 91.15 (90.85 to 91.85): VU036019.D (-1979) (-)



#47

Tetrachloroethene

Concen: 0.097 ug/L

RT: 8.58 min Scan# 2253

Delta R.T. 0.00 min

Lab File: VU036019.D

Acq: 06 Dec 2019 13:11

Tgt Ion: 164 Resp: 1891

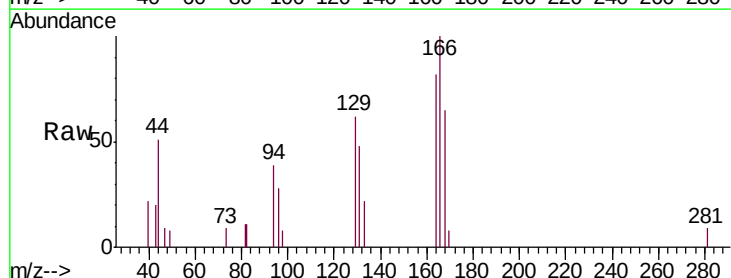
Ion Ratio Lower Upper

164 100

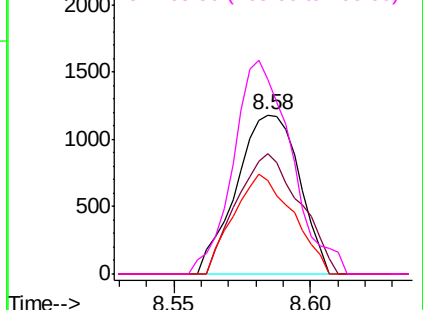
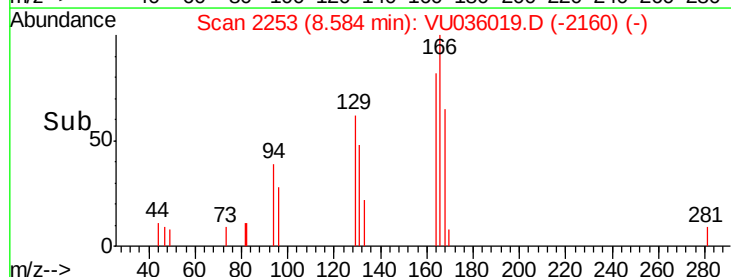
129 75.7 67.9 126.1

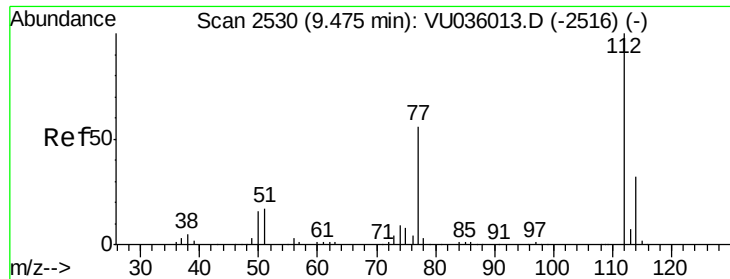
131 58.4 64.1 119.1#

166 122.0 92.6 172.0



Abundance Ion 163.90 (163.60 to 164.60): VU036019.D (-2160) (-)





#51

Chlorobenzene

Concen: 1.531 ug/L

RT: 9.48 min Scan# 2531

Delta R.T. 0.00 min

Lab File: VU036019.D

Acq: 06 Dec 2019 13:11

Instrument :

MSVOA_U

ClientSampleId :

BFQW1

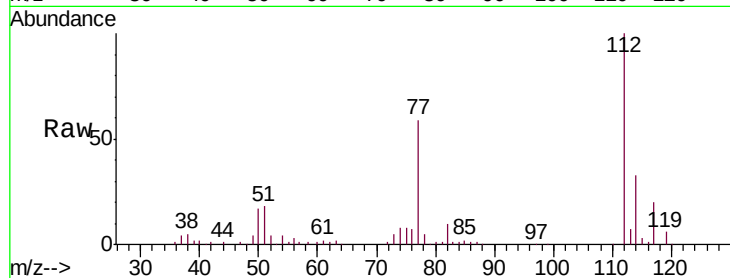
Tgt Ion: 112 Resp: 94918

Ion Ratio Lower Upper

112 100

114 32.9 22.5 41.7

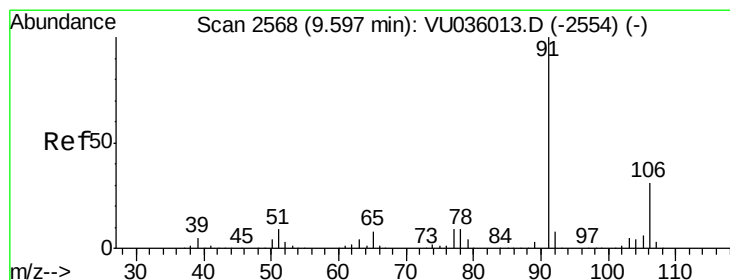
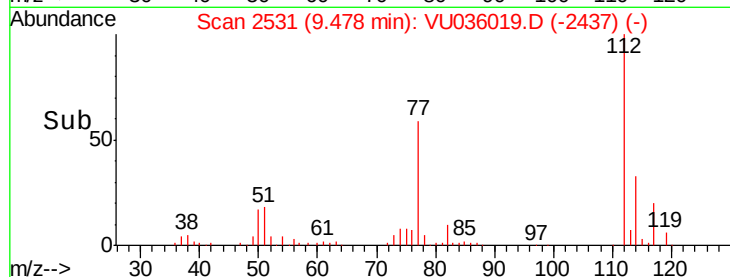
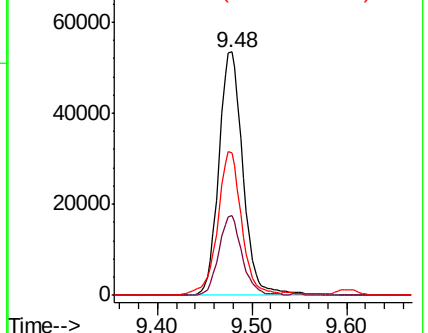
77 58.7 47.7 71.5



Abundance Ion 112.10 (111.80 to 112.80): V

Ion 114.05 (113.75 to 114.75): V

Ion 77.10 (76.80 to 77.80): VU0



#52

Ethylbenzene

Concen: 0.188 ug/L

RT: 9.60 min Scan# 2569

Delta R.T. 0.00 min

Lab File: VU036019.D

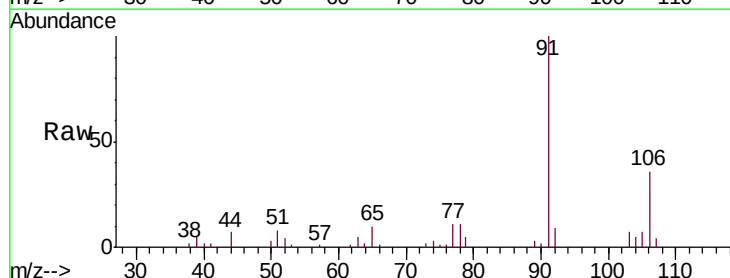
Acq: 06 Dec 2019 13:11

Tgt Ion: 91 Resp: 18922

Ion Ratio Lower Upper

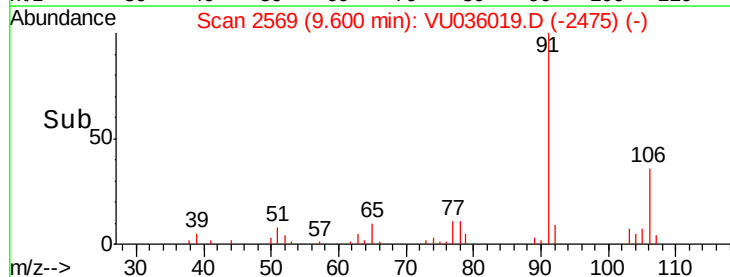
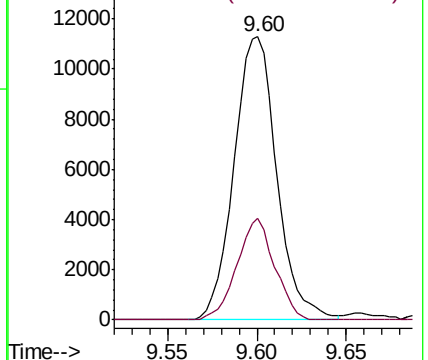
91 100

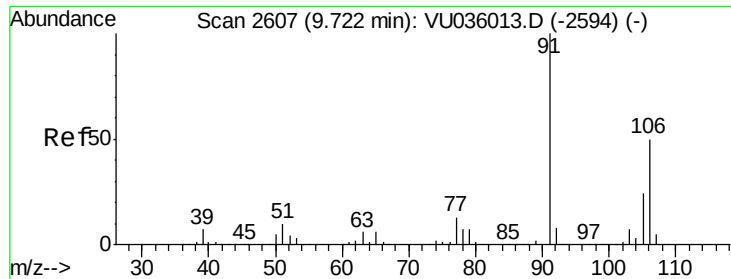
106 36.0 21.1 39.3



Abundance Ion 91.15 (90.85 to 91.85): VU0

Ion 106.15 (105.85 to 106.85): V





#53

m,p-Xylene

Concen: 0.368 ug/L

RT: 9.72 min Scan# 2606

Delta R.T. -0.00 min

Lab File: VU036019.D

Acq: 06 Dec 2019 13:11

Instrument :

MSVOA_U

ClientSampleId :

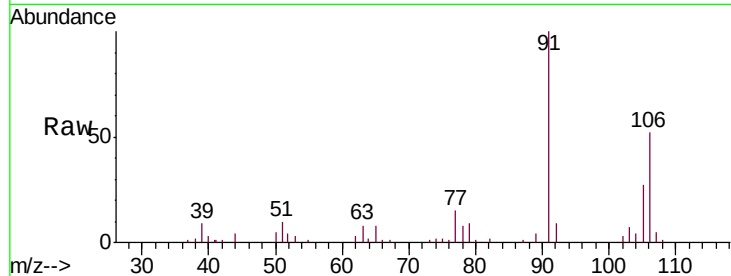
BFQW1

Tgt Ion:106 Resp: 13957

Ion Ratio Lower Upper

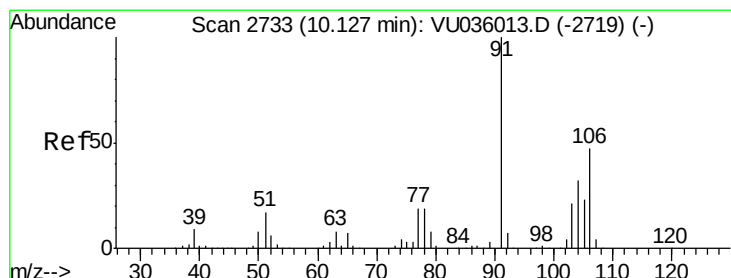
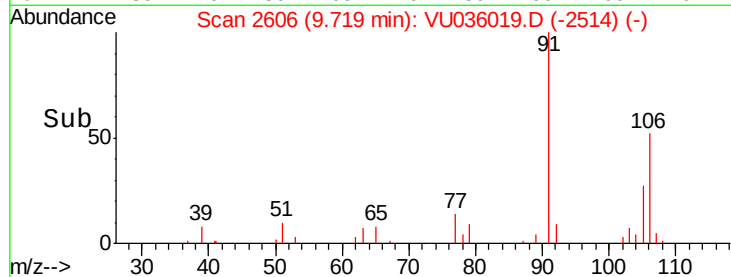
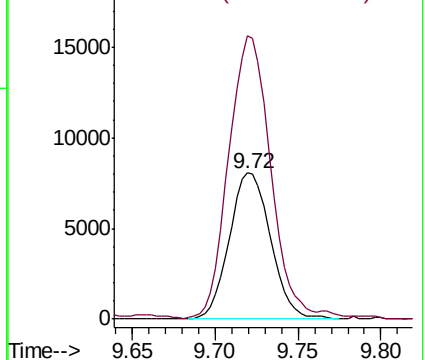
106 100

91 193.4 138.9 257.9



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VU0



#54

o-Xylene

Concen: 0.279 ug/L

RT: 10.13 min Scan# 2733

Delta R.T. 0.00 min

Lab File: VU036019.D

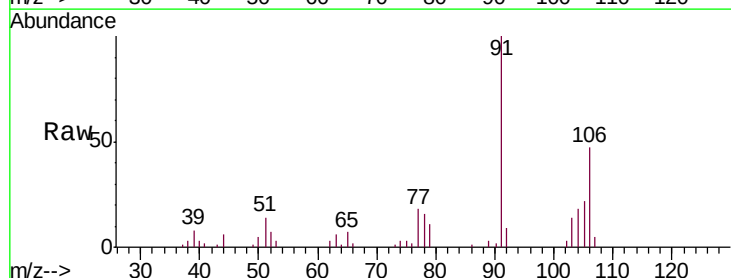
Acq: 06 Dec 2019 13:11

Tgt Ion:106 Resp: 9923

Ion Ratio Lower Upper

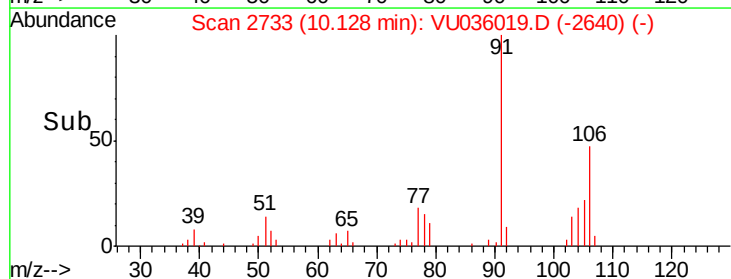
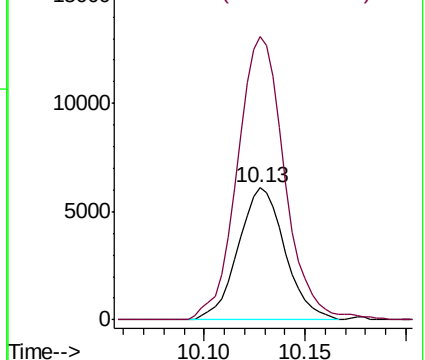
106 100

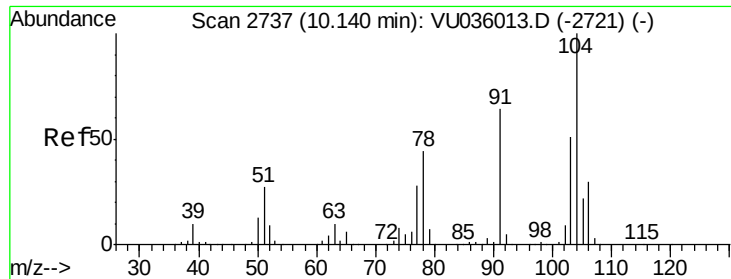
91 214.3 155.3 288.3



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VU0





#55

Styrene

Concen: 0.157 ug/L

RT: 10.14 min Scan# 2737

Delta R.T. 0.00 min

Lab File: VU036019.D

Acq: 06 Dec 2019 13:11

Instrument :

MSVOA_U

ClientSampleId :

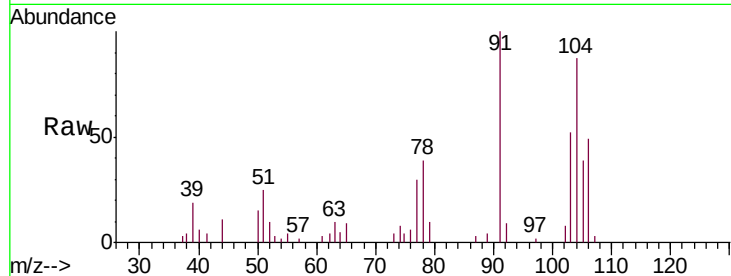
BFQW1

Tgt Ion:104 Resp: 9385

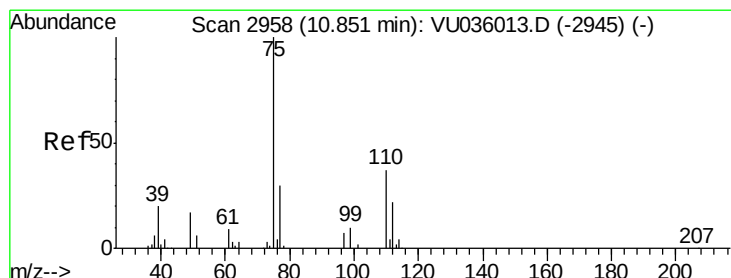
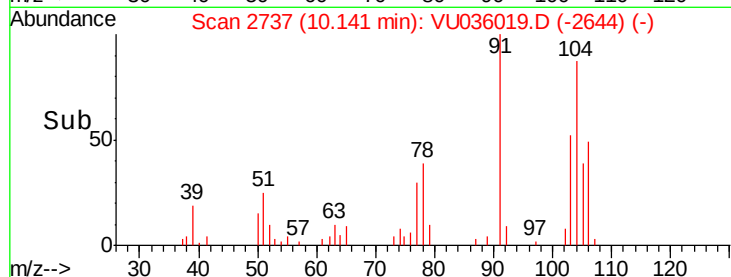
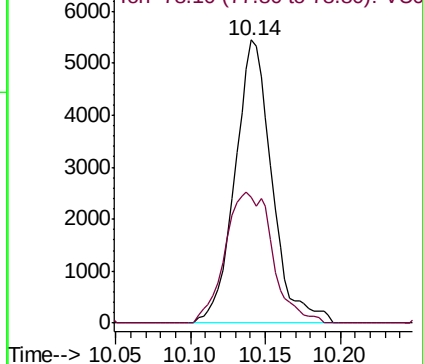
Ion Ratio Lower Upper

104 100

78 44.4 31.2 58.0



Abundance Ion 104.10 (103.80 to 104.80): VU036013.D (-2721) (-)



#59

1,2,3-Trichloropropane

Concen: 1.186 ug/L

RT: 11.84 min Scan# 3264

Delta R.T. 0.98 min

Lab File: VU036019.D

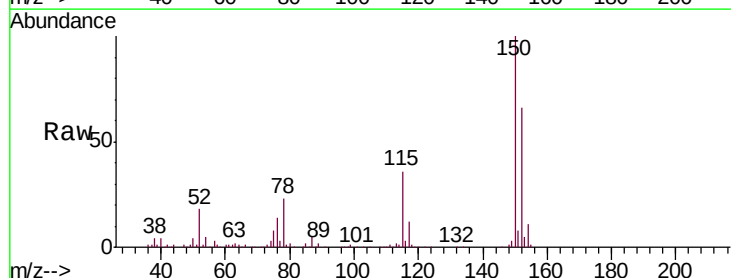
Acq: 06 Dec 2019 13:11

Tgt Ion: 75 Resp: 19848

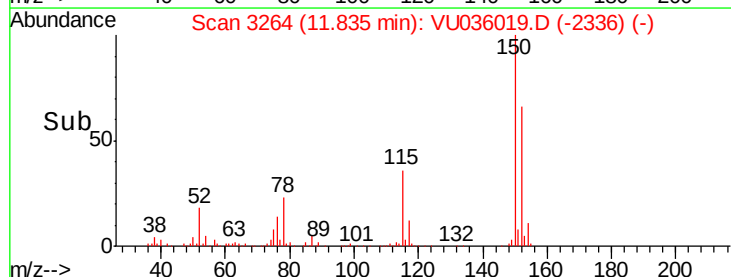
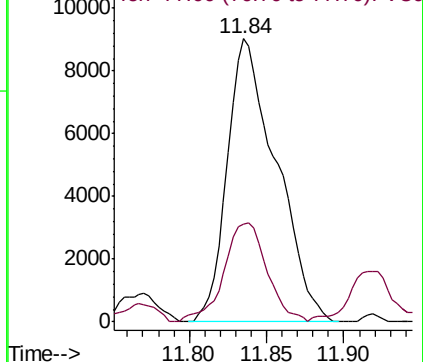
Ion Ratio Lower Upper

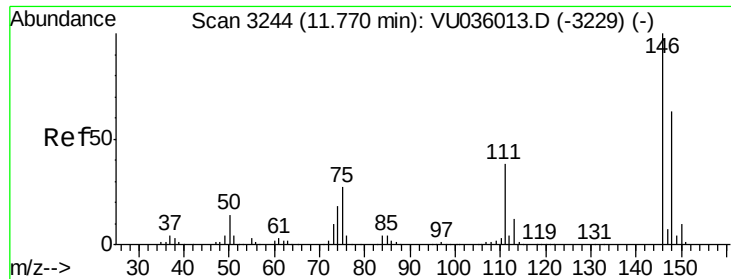
75 100

77 30.7 26.6 39.8



Abundance Ion 75.00 (74.70 to 75.70): VU036013.D (-2945) (-)





#62

1,3-Dichlorobenzene

Concen: 0.135 ug/L

RT: 11.77 min Scan# 3244

Delta R.T. 0.00 min

Lab File: VU036019.D

Acq: 06 Dec 2019 13:11

Instrument :

MSVOA_U

ClientSampled :

BFQW1

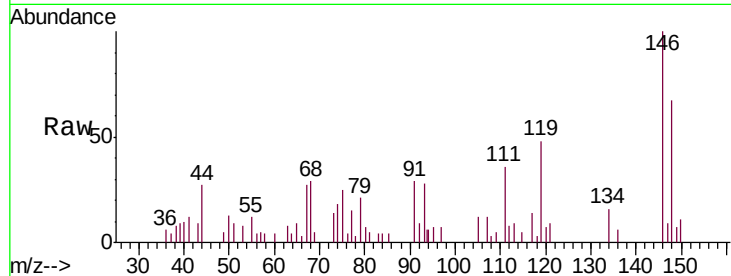
Tgt Ion:146 Resp: 5865

Ion Ratio Lower Upper

146 100

111 35.8 27.6 51.4

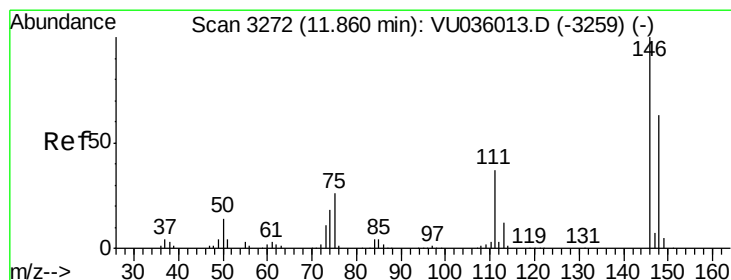
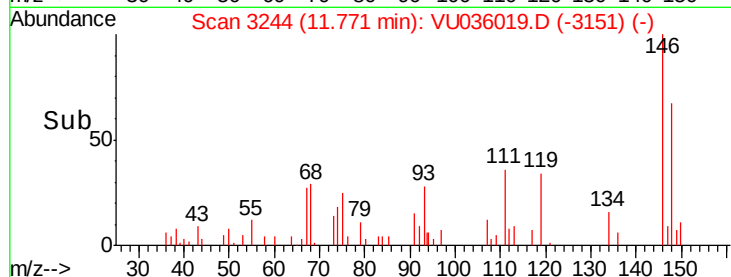
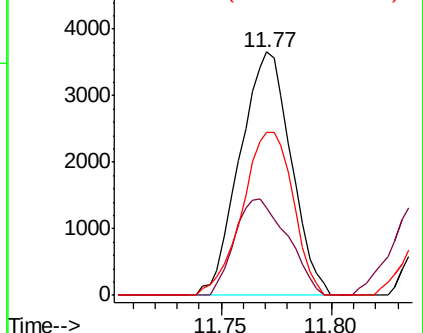
148 67.2 43.4 80.6



Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#63

1,4-Dichlorobenzene

Concen: 0.411 ug/L

RT: 11.86 min Scan# 3272

Delta R.T. 0.00 min

Lab File: VU036019.D

Acq: 06 Dec 2019 13:11

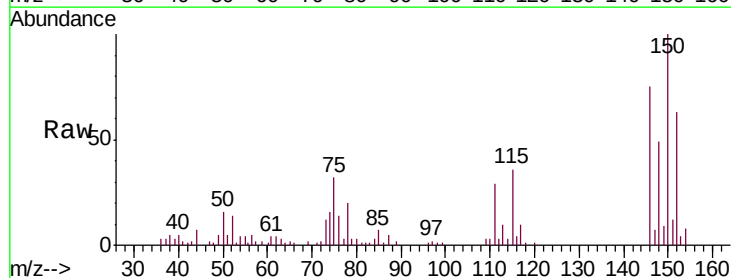
Tgt Ion:146 Resp: 17661

Ion Ratio Lower Upper

146 100

111 38.7 28.5 52.9

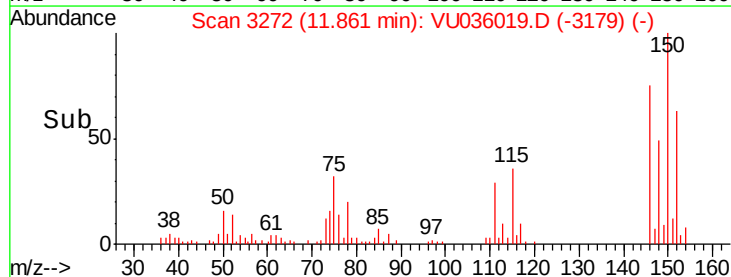
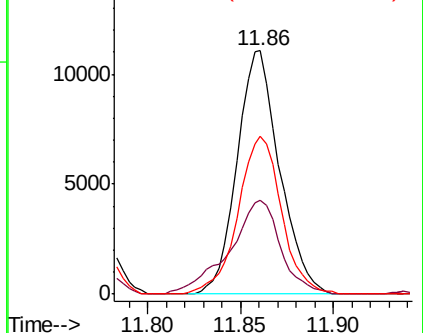
148 64.7 44.4 82.5

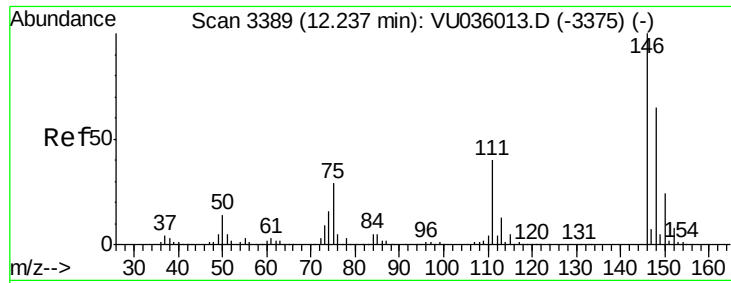


Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

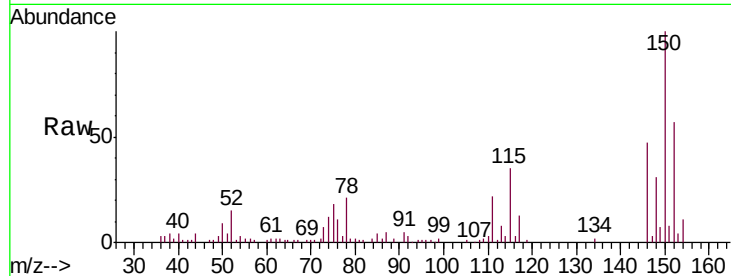




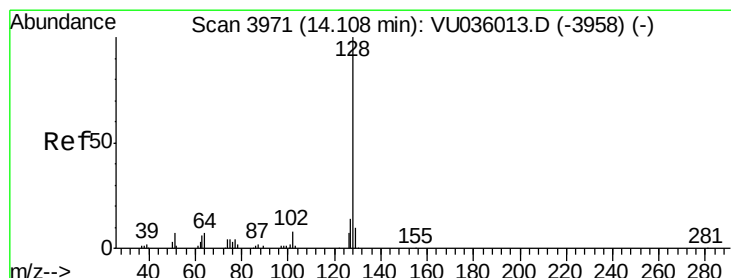
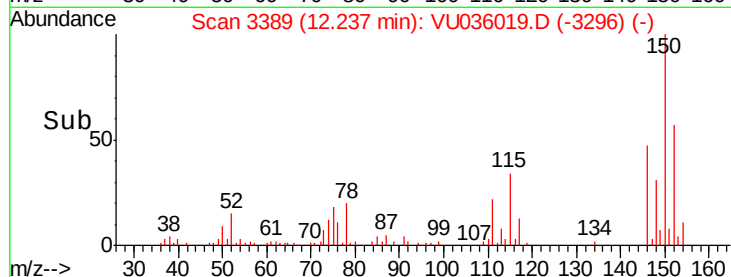
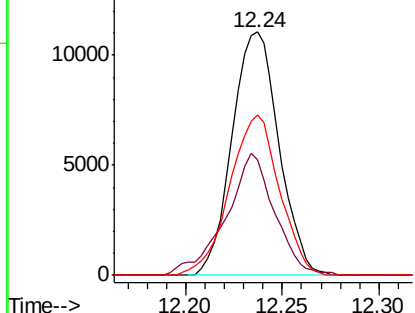
#65
1,2-Dichlorobenzene
Concen: 0.450 ug/L
RT: 12.24 min Scan# 3389
Delta R.T. 0.00 min
Lab File: VU036019.D
Acq: 06 Dec 2019 13:11

Instrument :
MSVOA_U
ClientSampleId :
BFQW1

Tgt Ion	Ratio	Lower	Upper
146	100		
111	47.3	32.6	48.8
148	65.8	50.9	76.3

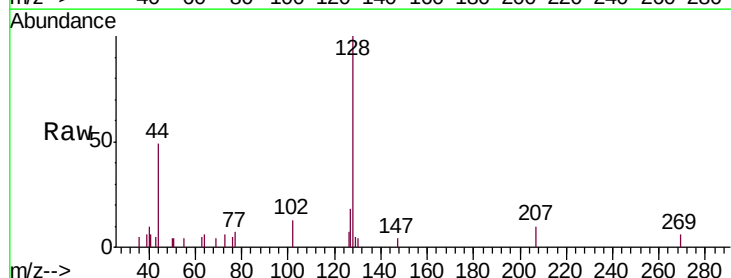


Abundance Ion 145.95 (145.65 to 146.65): V
Ion 111.00 (110.70 to 111.70): V
Ion 148.00 (147.70 to 148.70): V



#69
Naphthalene
Concen: 0.232 ug/L
RT: 14.11 min Scan# 3971
Delta R.T. 0.00 min
Lab File: VU036019.D
Acq: 06 Dec 2019 13:11

Tgt Ion	Ratio	Lower	Upper
128	100		
129	4.4	8.4	12.6#
127	12.5	10.6	15.8



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

