

Data File : VU036028.D
Acq On : 06 Dec 2019 17:18
Operator : JC/SP
Sample : K6167-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFR90

Quant Time: Dec 06 22:36:38 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	285141	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	294860	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	120921	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	113739	3.50	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.00%
7) Chloroethane-d5	1.93	69	127444	4.89	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.80%
11) 1,1-Dichloroethene-d2	2.59	63	133595	2.86	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.20%#
20) 2-Butanone-d5	4.70	46	301541	52.39	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.78%
24) Chloroform-d	5.11	84	197759	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.60%
26) 1,2-Dichloroethane-d4	5.75	65	105254	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.00%
32) Benzene-d6	5.77	84	384485	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.00%
36) 1,2-Dichloropropane-d6	6.73	67	122656	4.34	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.80%
41) Toluene-d8	7.93	98	318123	3.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.20%
43) trans-1,3-Dichloropropene-	8.21	79	42593	3.73	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.60%
46) 2-Hexanone-d5	8.68	63	226857	50.50	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.00%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	116273	4.89	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.80%
64) 1,2-Dichlorobenzene-d4	12.22	152	124195	4.97	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.40%

Target Compounds

					Qvalue
3) Chloromethane	1.53	50	4645	0.138 ug/L	98
5) Vinyl chloride	1.62	62	160616	4.716 ug/L	98
8) Chloroethane	1.95	64	89349	4.230 ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	4245	0.194 ug/L #	59
12) 1,1-Dichloroethene	2.61	96	5527	0.270 ug/L #	1
13) Acetone	2.69	43	56381	10.834 ug/L	92
15) Methyl Acetate	3.00	43	8297	0.890 ug/L	90
16) Methylene chloride	3.08	84	20077	0.634 ug/L	91
18) trans-1,2-Dichloroethene	3.39	96	2803	0.130 ug/L	91
19) 1,1-Dichloroethane	3.92	63	373128	8.821 ug/L	99
21) 2-Butanone	4.78	43	151210	22.635 ug/L	98
22) cis-1,2-Dichloroethene	4.72	96	394928	17.275 ug/L	89
25) Chloroform	5.13	83	63678	1.492 ug/L	99
27) 1,2-Dichloroethane	5.84	62	4548	0.167 ug/L #	82
29) 1,1,1-Trichloroethane	5.36	97	166435	4.667 ug/L	97
31) Carbon tetrachloride	5.36	117	22874	0.723 ug/L	97
33) Benzene	5.82	78	171817	1.853 ug/L	100

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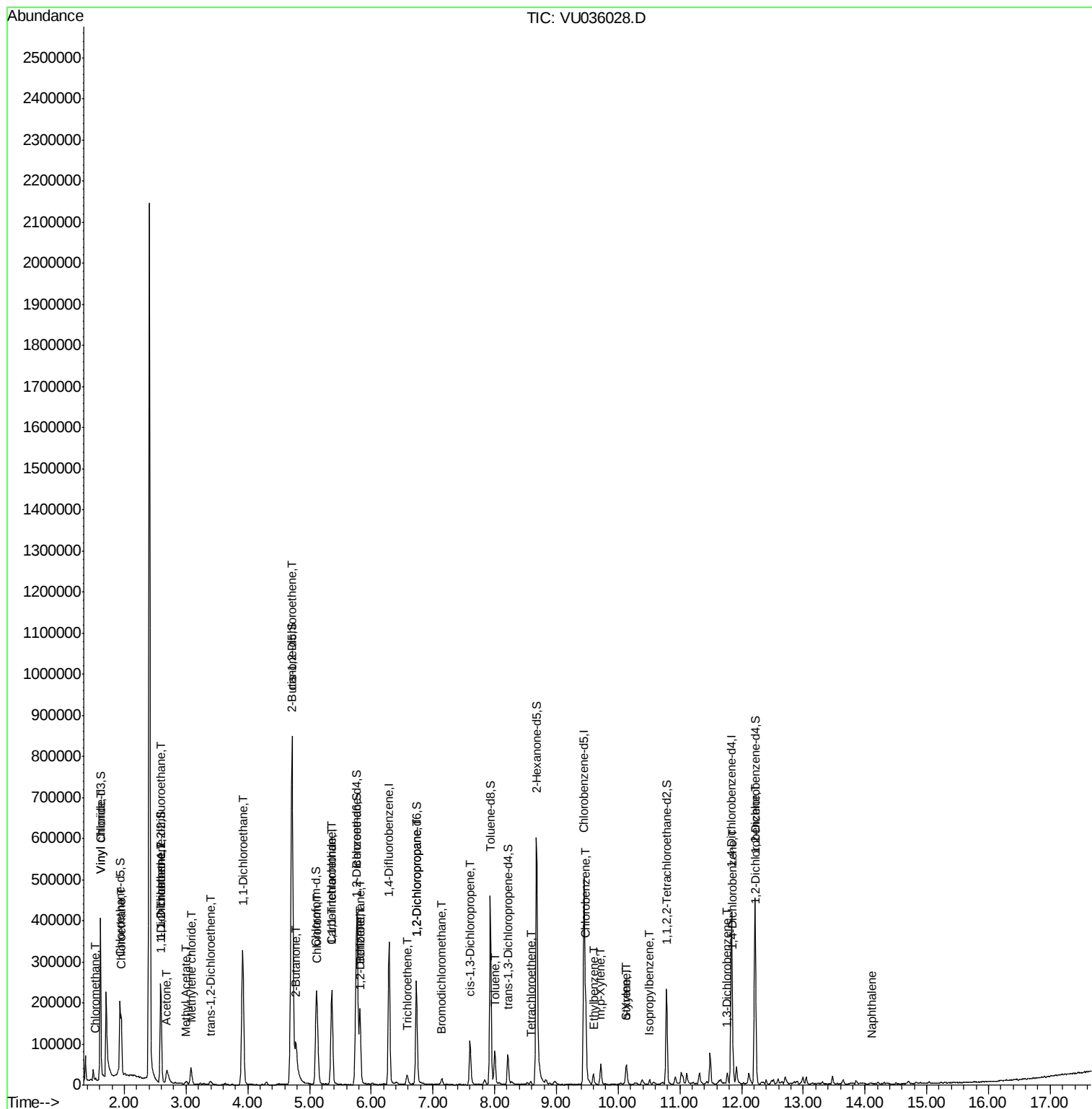
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
34) Trichloroethene	6.58	95	6926	0.295	ug/L	97
37) 1,2-Dichloropropane	6.73	63	12545	0.500	ug/L #	89
38) Bromodichloromethane	7.14	83	9045	0.301	ug/L	99
39) cis-1,3-Dichloropropene	7.60	75	2969	0.089	ug/L #	69
42) Toluene	8.00	91	58778	0.607	ug/L	97
47) Tetrachloroethene	8.59	164	1786	0.094	ug/L	79
51) Chlorobenzene	9.47	112	101402	1.677	ug/L	93
52) Ethylbenzene	9.60	91	18601	0.190	ug/L	96
53) m,p-Xylene	9.72	106	13342	0.361	ug/L	97
54) o-Xylene	10.12	106	10486	0.302	ug/L	75
55) Styrene	10.14	104	12088	0.207	ug/L	98
56) Isopropylbenzene	10.51	105	7892	0.087	ug/L	95
62) 1,3-Dichlorobenzene	11.77	146	6031	0.150	ug/L	92
63) 1,4-Dichlorobenzene	11.86	146	18146	0.455	ug/L	90
65) 1,2-Dichlorobenzene	12.24	146	18151	0.472	ug/L	96
69) Naphthalene	14.11	128	2664	0.159	ug/L #	91

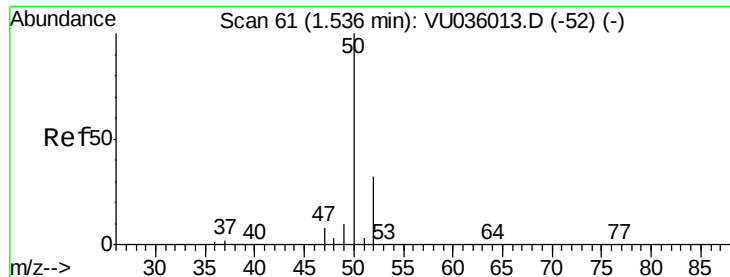
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.138 ug/L

RT: 1.53 min Scan# 60

Delta R.T. -0.00 min

Lab File: VU036028.D

Acq: 06 Dec 2019 17:18

Instrument :

MSVOA_U

ClientSampleId :

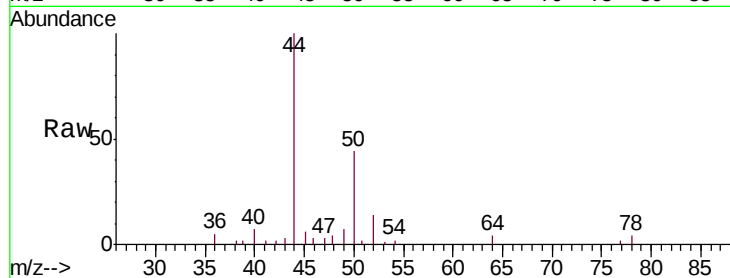
BFR90

Tgt Ion: 50 Resp: 4645

Ion Ratio Lower Upper

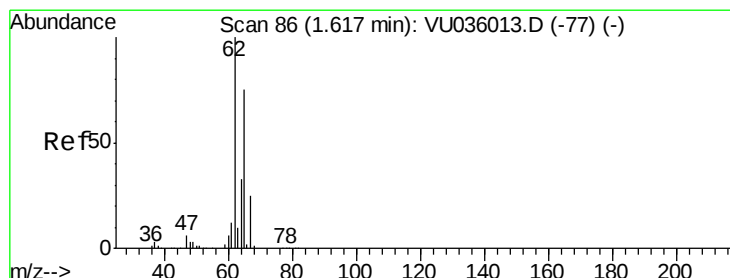
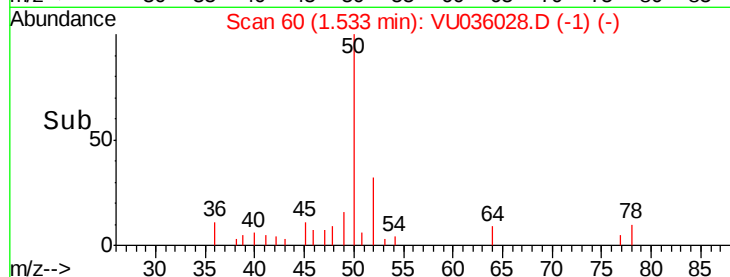
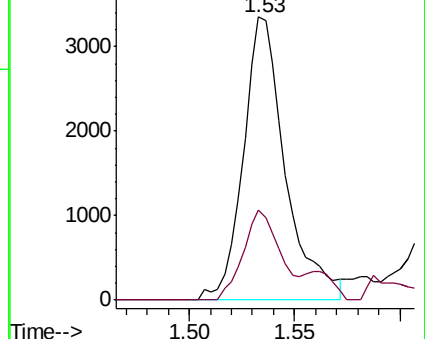
50 100

52 31.7 23.1 42.9



Abundance Ion 50.05 (49.75 to 50.75): VU036013.D (-52) (-)

Ion 52.05 (51.75 to 52.75): VU036013.D (-52) (-)



#5

Vinyl chloride

Concen: 4.716 ug/L

RT: 1.62 min Scan# 86

Delta R.T. 0.00 min

Lab File: VU036028.D

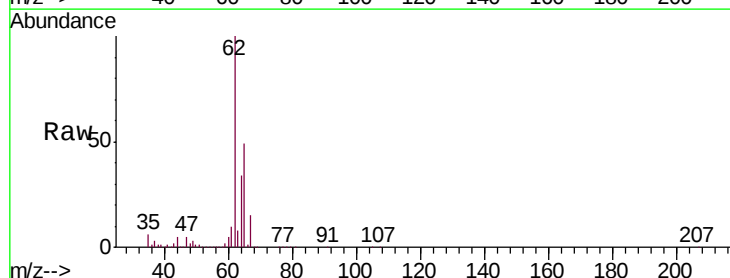
Acq: 06 Dec 2019 17:18

Tgt Ion: 62 Resp: 160616

Ion Ratio Lower Upper

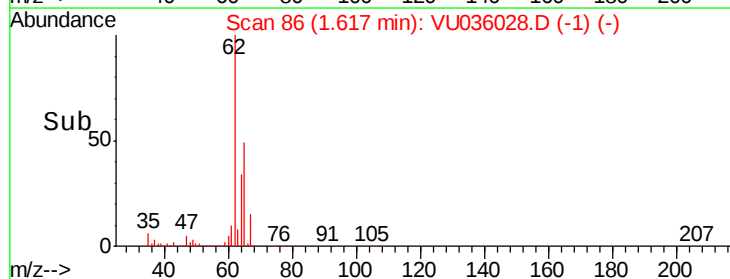
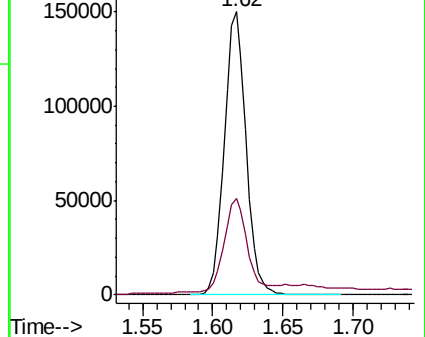
62 100

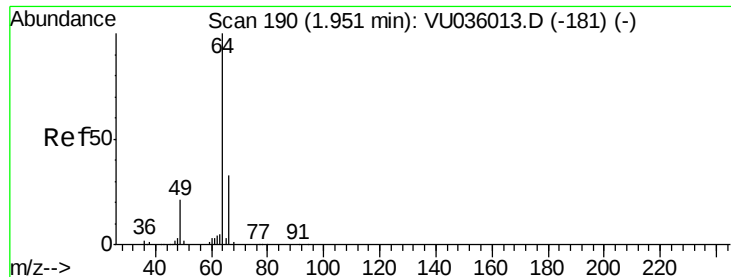
64 34.1 23.0 42.6



Abundance Ion 62.00 (61.70 to 62.70): VU036013.D (-77) (-)

Ion 64.10 (63.80 to 64.80): VU036013.D (-77) (-)





#8

Chloroethane

Concen: 4.230 ug/L

RT: 1.95 min Scan# 190

Delta R.T. 0.00 min

Lab File: VU036028.D

Acq: 06 Dec 2019 17:18

Instrument :

MSVOA_U

ClientSampleId :

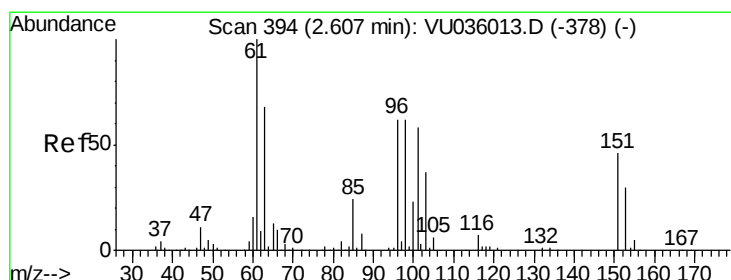
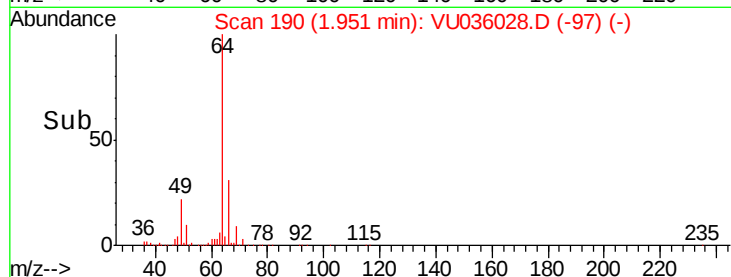
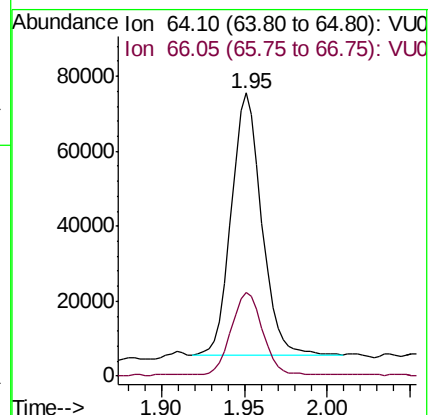
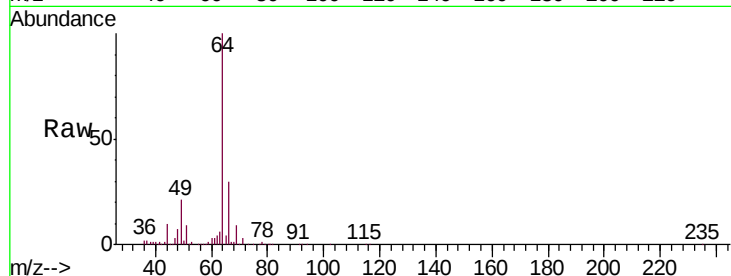
BFR90

Tgt Ion: 64 Resp: 89349

Ion Ratio Lower Upper

64 100

66 29.7 22.0 40.8



#10

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

Concen: 0.194 ug/L

RT: 2.60 min Scan# 392

Delta R.T. -0.01 min

Lab File: VU036028.D

Acq: 06 Dec 2019 17:18

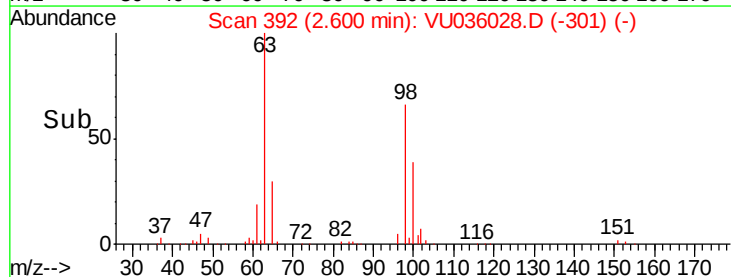
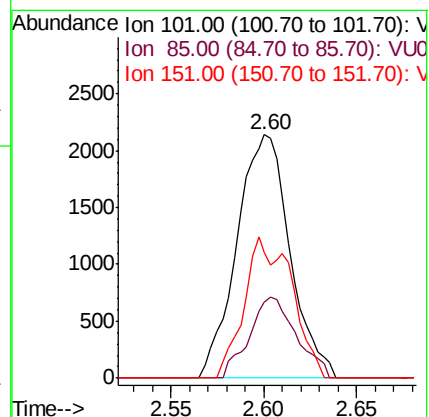
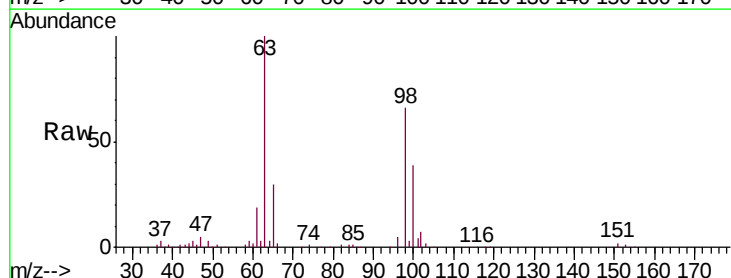
Tgt Ion: 101 Resp: 4245

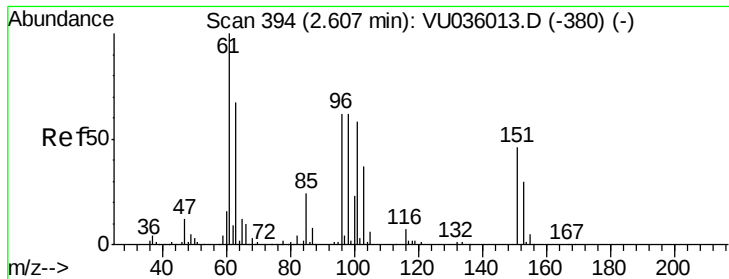
Ion Ratio Lower Upper

101 100

85 29.4 35.5 53.3#

151 28.9 57.5 86.3#





#12

1,1-Dichloroethene

Concen: 0.270 ug/L

RT: 2.61 min Scan# 394

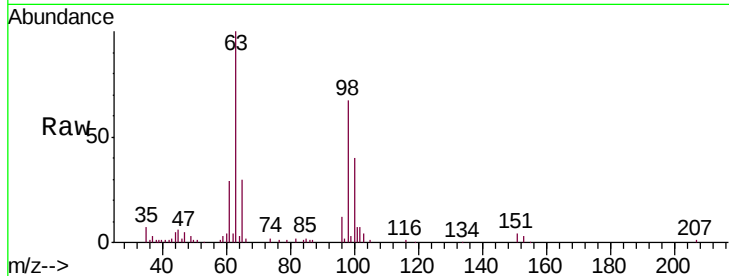
Delta R.T. 0.00 min

Lab File: VU036028.D

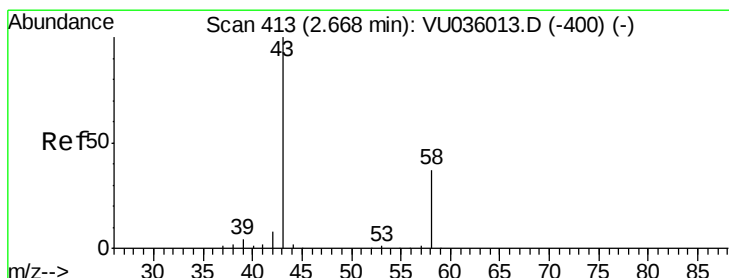
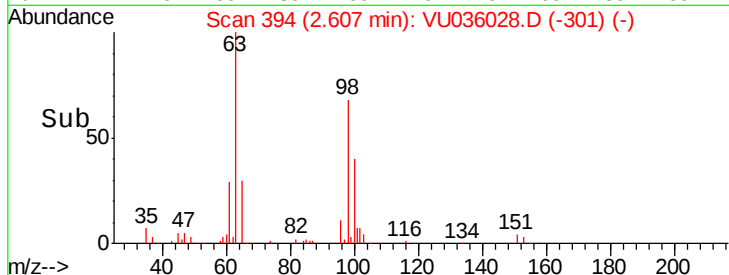
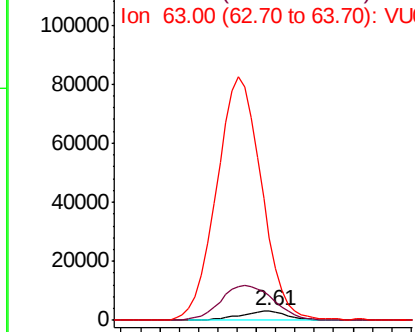
Acq: 06 Dec 2019 17:18

Instrument :
MSVOA_U
ClientSampleId :
BFR90

Tgt Ion: 96 Resp: 5527
Ion Ratio Lower Upper
96 100
61 252.1 127.1 236.1#
63 866.2 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: 10.834 ug/L

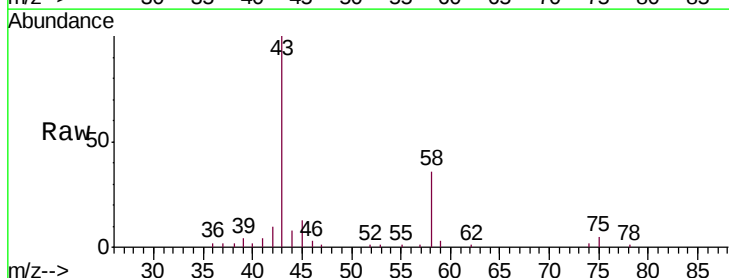
RT: 2.69 min Scan# 419

Delta R.T. 0.02 min

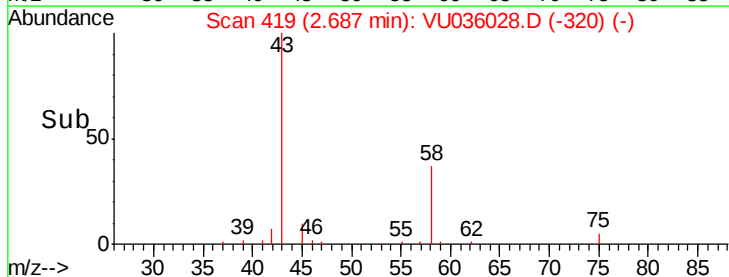
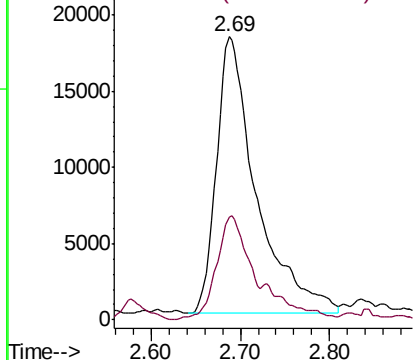
Lab File: VU036028.D

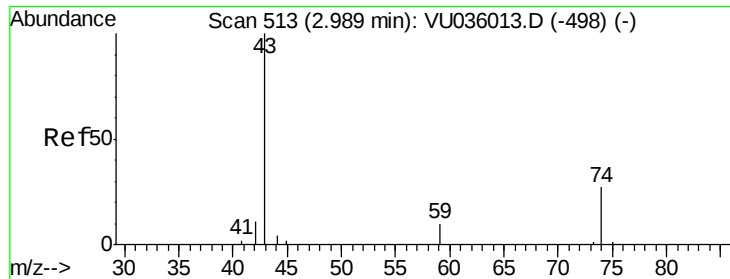
Acq: 06 Dec 2019 17:18

Tgt Ion: 43 Resp: 56381
Ion Ratio Lower Upper
43 100
58 29.5 0.0 68.6



Abundance Ion 43.05 (42.75 to 43.75): VU0
Ion 58.05 (57.75 to 58.75): VU0

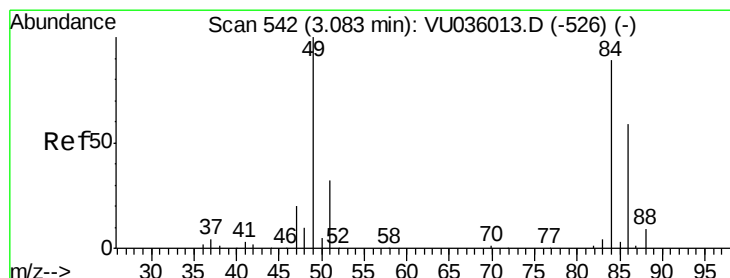
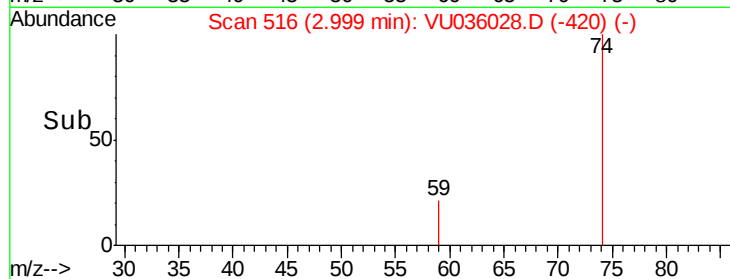
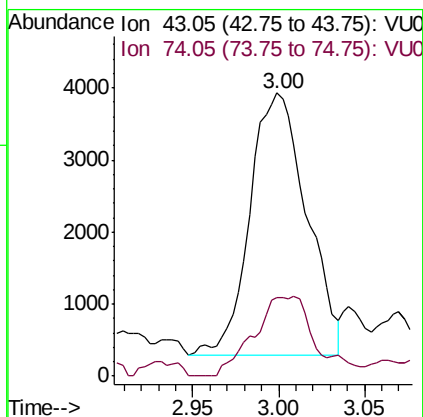
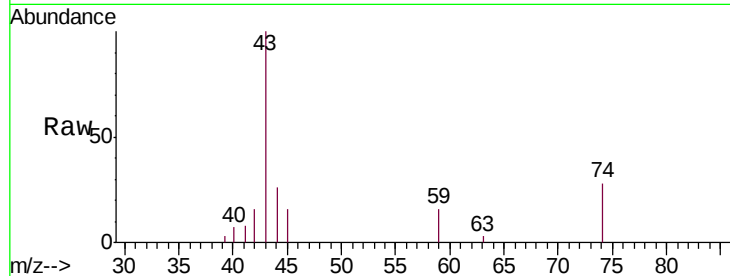




#15
Methyl Acetate
Concen: 0.890 ug/L
RT: 3.00 min Scan# 516
Delta R.T. 0.01 min
Lab File: VU036028.D
Acq: 06 Dec 2019 17:18

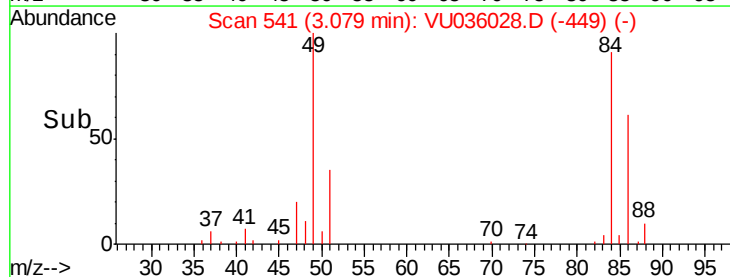
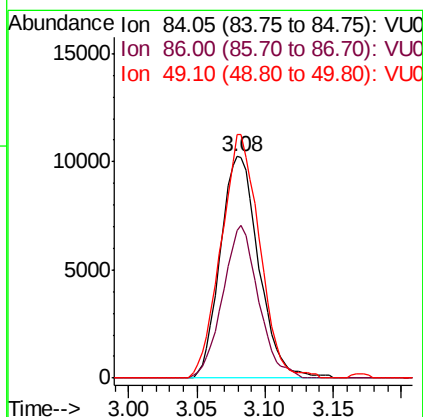
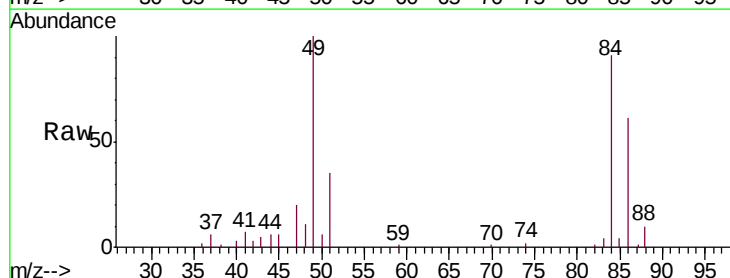
Instrument :
MSVOA_U
ClientSampleId :
BFR90

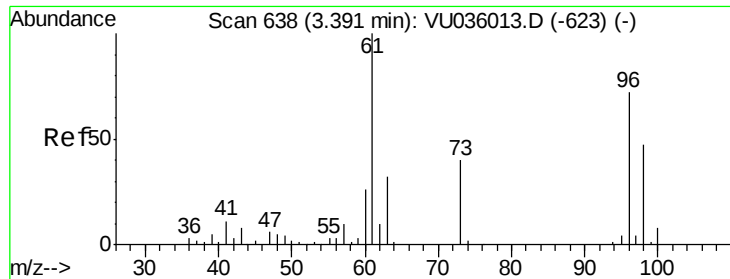
Tgt Ion: 43 Resp: 8297
Ion Ratio Lower Upper
43 100
74 30.0 20.0 30.0



#16
Methylene chloride
Concen: 0.634 ug/L
RT: 3.08 min Scan# 541
Delta R.T. -0.00 min
Lab File: VU036028.D
Acq: 06 Dec 2019 17:18

Tgt Ion: 84 Resp: 20077
Ion Ratio Lower Upper
84 100
86 66.7 44.7 82.9
49 109.9 86.2 160.2





#18

trans-1,2-Dichloroethene

Concen: 0.130 ug/L

RT: 3.39 min Scan# 639

Delta R.T. 0.00 min

Lab File: VU036028.D

Acq: 06 Dec 2019 17:18

Instrument :

MSVOA_U

ClientSampleId :

BFR90

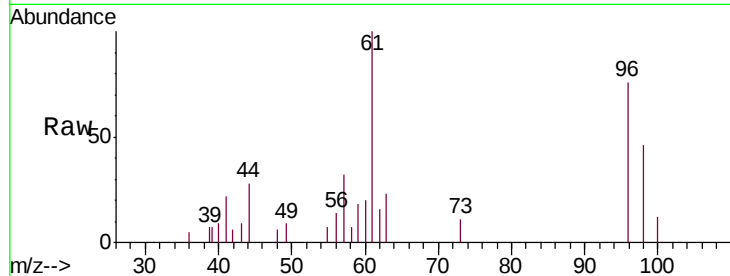
Tgt Ion: 96 Resp: 2803

Ion Ratio Lower Upper

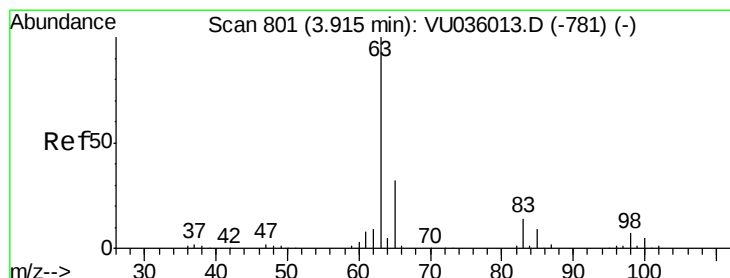
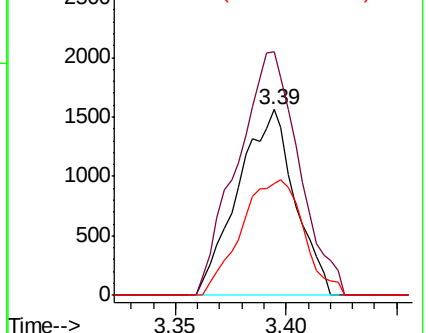
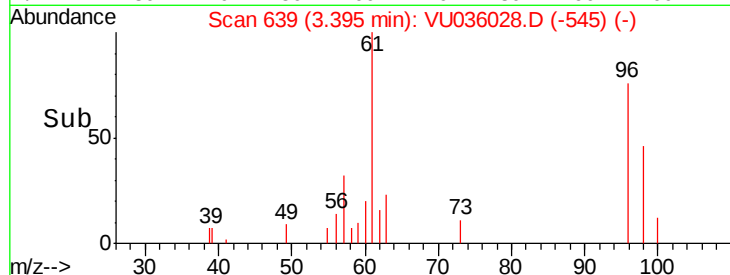
96 100

61 131.0 101.2 187.8

98 60.3 45.0 83.6



Abundance Ion 96.00 (95.70 to 96.70): VU036028.D (-545) (-)



#19

1,1-Dichloroethane

Concen: 8.821 ug/L

RT: 3.92 min Scan# 802

Delta R.T. 0.00 min

Lab File: VU036028.D

Acq: 06 Dec 2019 17:18

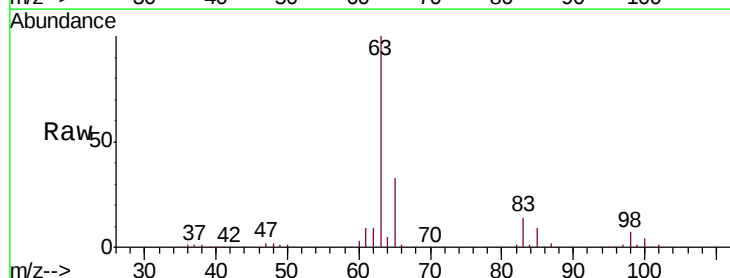
Tgt Ion: 63 Resp: 373128

Ion Ratio Lower Upper

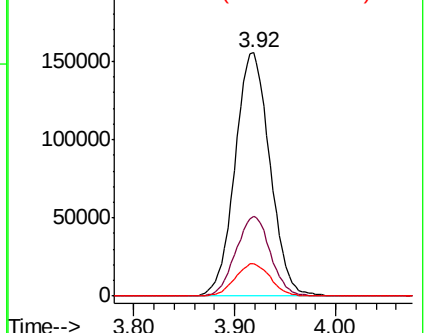
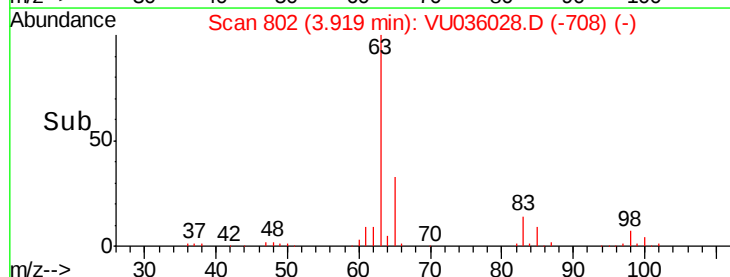
63 100

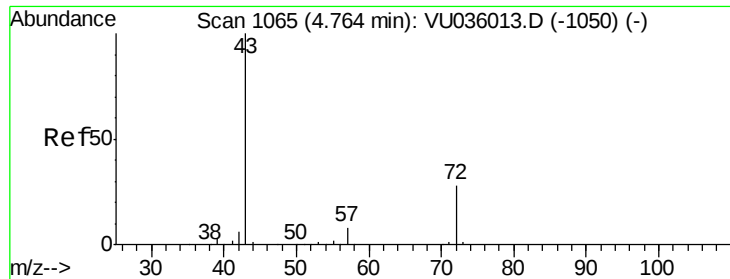
65 32.8 22.4 41.6

83 13.5 9.8 18.2



Abundance Ion 63.10 (62.80 to 63.80): VU036028.D (-708) (-)

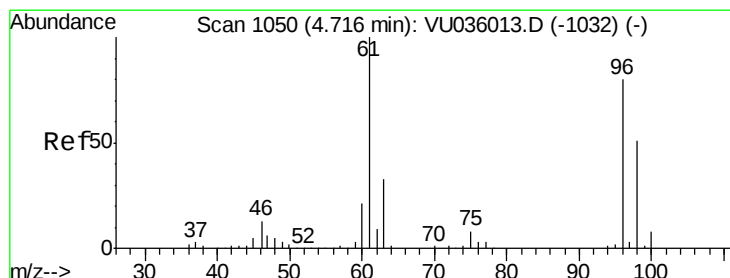
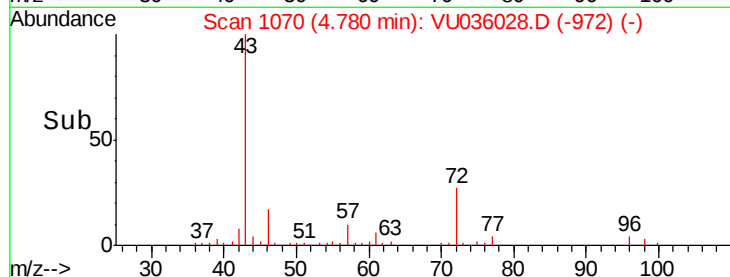
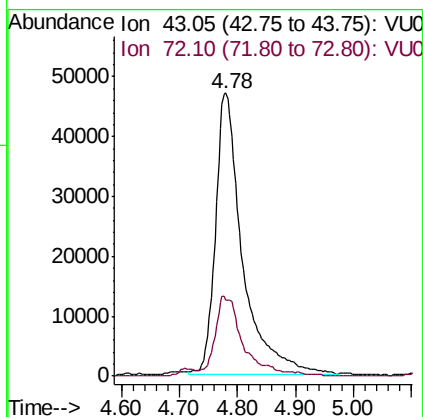
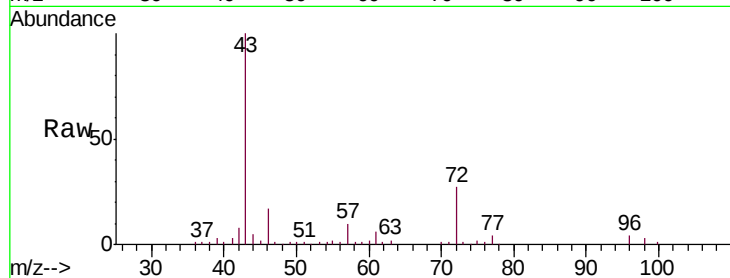




#21
2-Butanone
Concen: 22.635 ug/L
RT: 4.78 min Scan# 1070
Delta R.T. 0.02 min
Lab File: VU036028.D
Acq: 06 Dec 2019 17:18

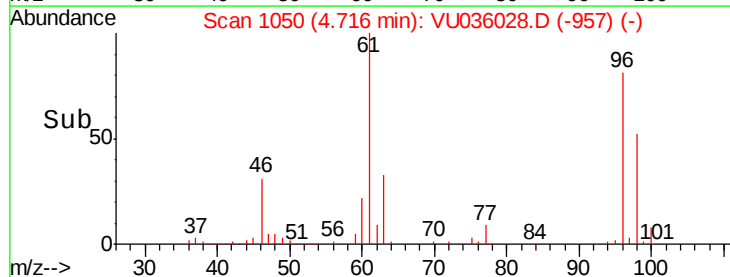
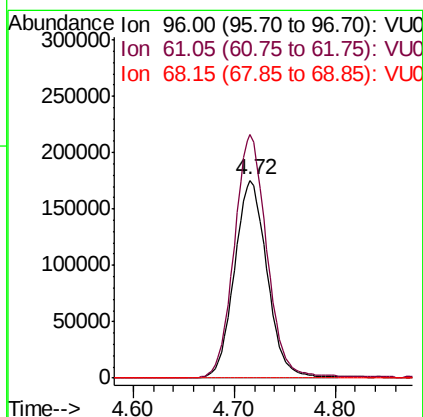
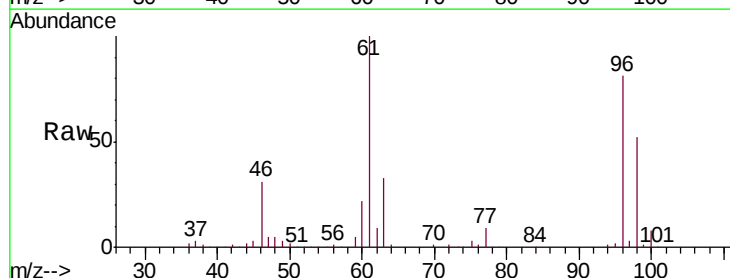
Instrument :
MSVOA_U
ClientSampled :
BFR90

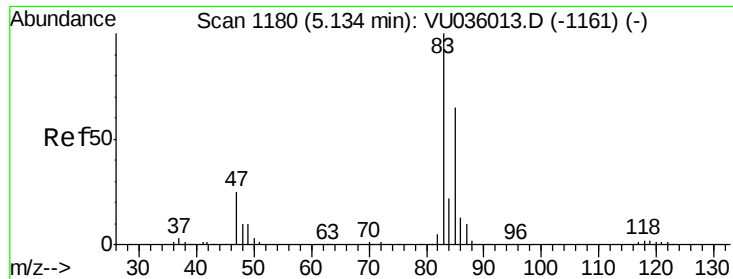
Tgt Ion: 43 Resp: 151210
Ion Ratio Lower Upper
43 100
72 26.4 12.6 37.8



#22
cis-1,2-Dichloroethene
Concen: 17.275 ug/L
RT: 4.72 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VU036028.D
Acq: 06 Dec 2019 17:18

Tgt Ion: 96 Resp: 394928
Ion Ratio Lower Upper
96 100
61 123.2 95.7 177.7
68 0.0 0.0 0.0

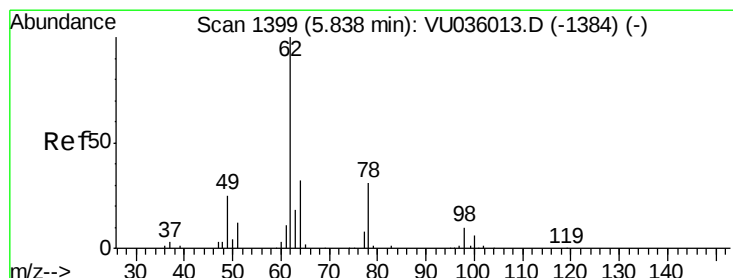
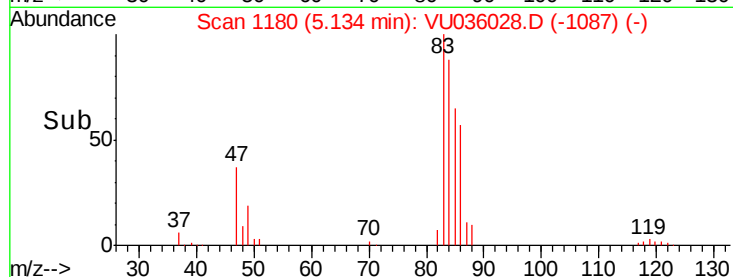
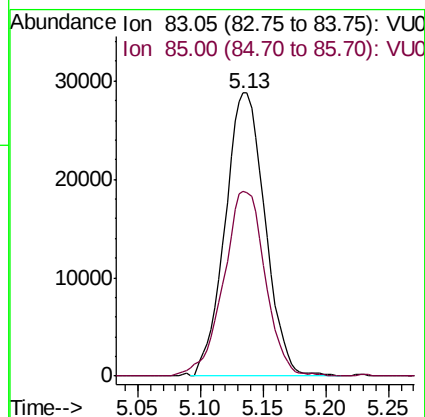
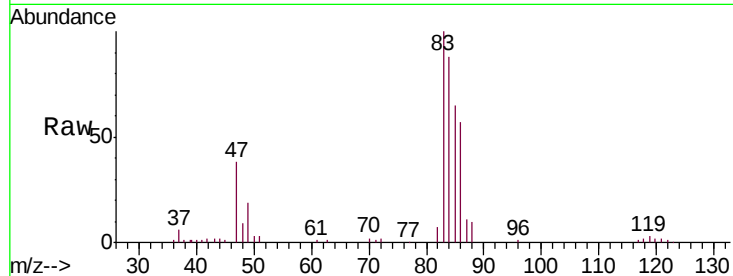




#25
Chloroform
Concen: 1.492 ug/L
RT: 5.13 min Scan# 1180
Delta R.T. 0.00 min
Lab File: VU036028.D
Acq: 06 Dec 2019 17:18

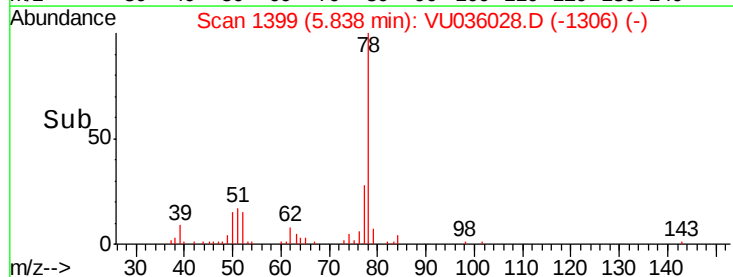
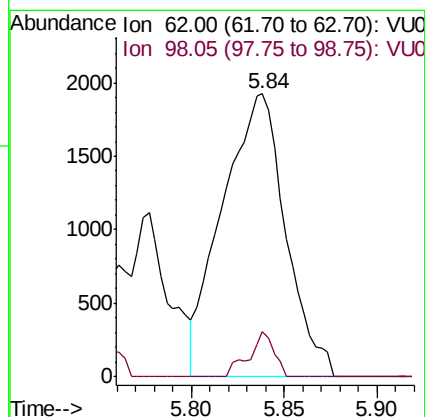
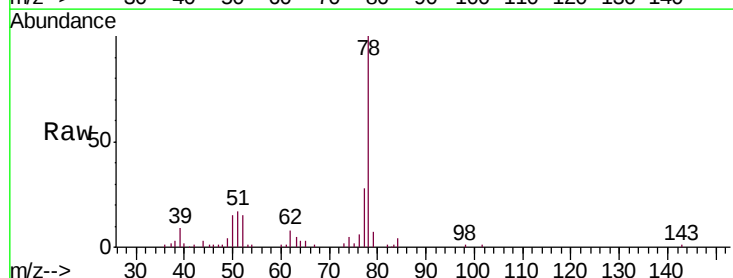
Instrument :
MSVOA_U
ClientSampleId :
BFR90

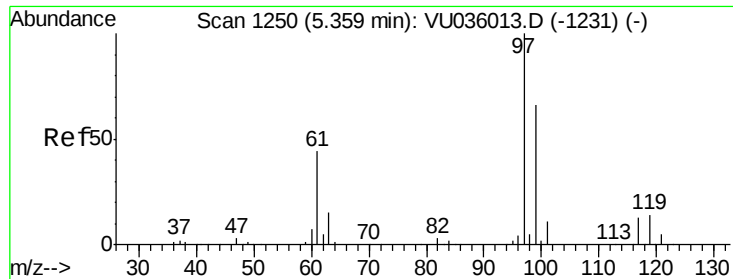
Tgt Ion: 83 Resp: 63678
Ion Ratio Lower Upper
83 100
85 65.4 45.4 84.2



#27
1,2-Dichloroethane
Concen: 0.167 ug/L
RT: 5.84 min Scan# 1399
Delta R.T. 0.00 min
Lab File: VU036028.D
Acq: 06 Dec 2019 17:18

Tgt Ion: 62 Resp: 4548
Ion Ratio Lower Upper
62 100
98 16.1 7.6 11.4#

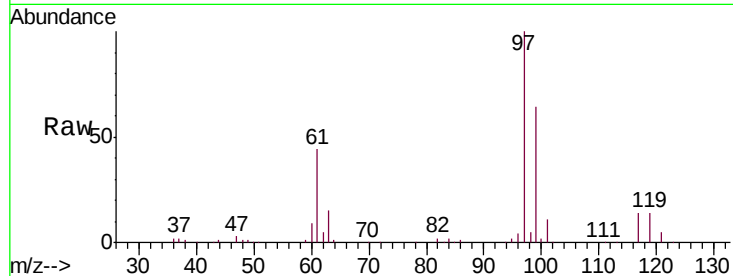




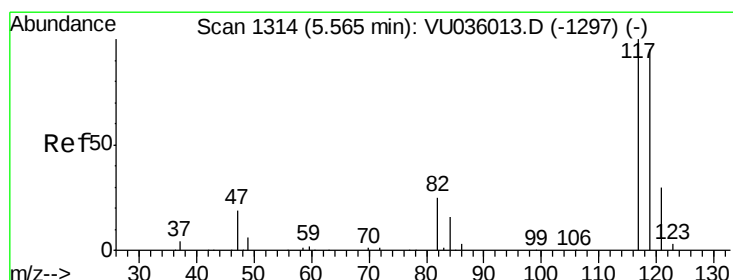
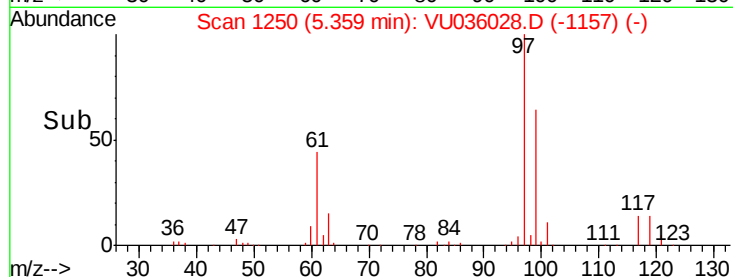
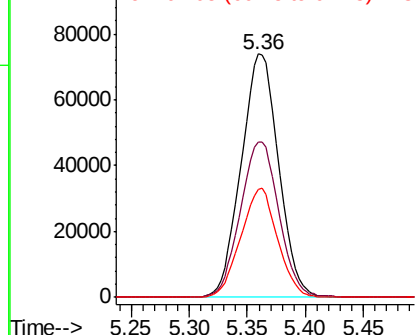
#29
 1,1,1-Trichloroethane
 Concen: 4.667 ug/L
 RT: 5.36 min Scan# 1250
 Delta R.T. 0.00 min
 Lab File: VU036028.D
 Acq: 06 Dec 2019 17:18

Instrument :
 MSVOA_U
 ClientSampleId :
 BFR90

Tgt Ion: 97 Resp: 166435
 Ion Ratio Lower Upper
 97 100
 99 65.9 51.8 77.8
 61 44.0 37.6 56.4

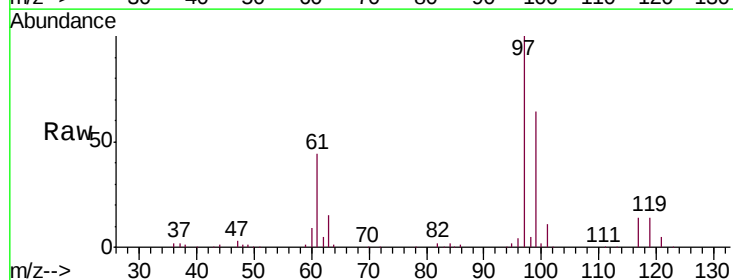


Abundance Ion 96.95 (96.65 to 97.65): VU0
 Ion 99.05 (98.75 to 99.75): VU0
 Ion 61.05 (60.75 to 61.75): VU0

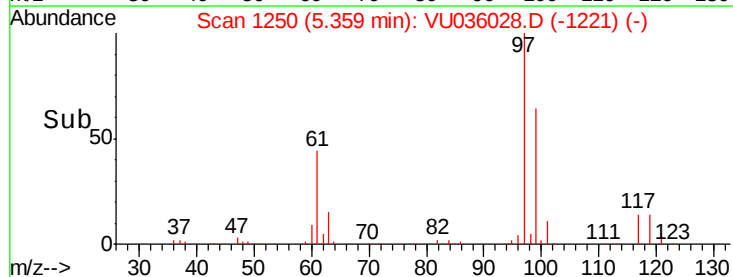
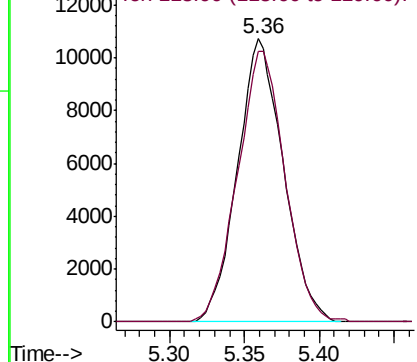


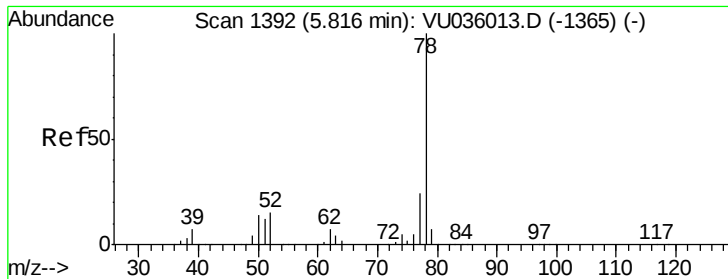
#31
 Carbon tetrachloride
 Concen: 0.723 ug/L
 RT: 5.36 min Scan# 1250
 Delta R.T. -0.21 min
 Lab File: VU036028.D
 Acq: 06 Dec 2019 17:18

Tgt Ion: 117 Resp: 22874
 Ion Ratio Lower Upper
 117 100
 119 99.2 76.9 115.3



Abundance Ion 116.90 (116.60 to 117.60): V
 Ion 118.90 (118.60 to 119.60): V





#33

Benzene

Concen: 1.853 ug/L

RT: 5.82 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VU036028.D

Acq: 06 Dec 2019 17:18

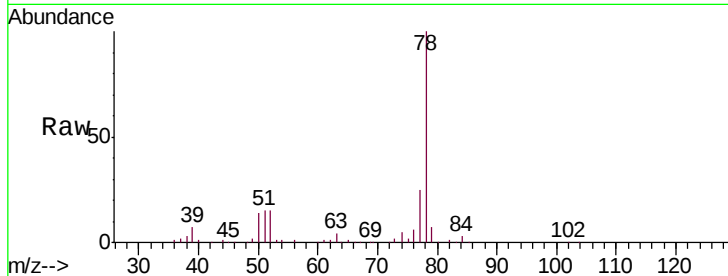
Instrument :

MSVOA_U

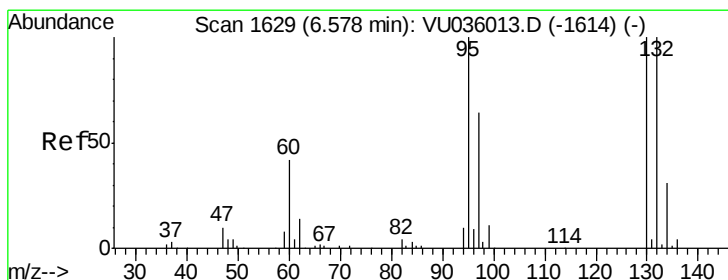
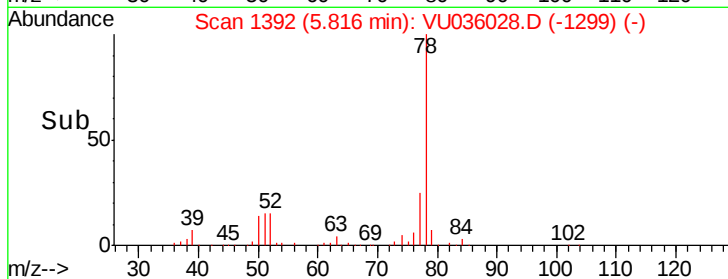
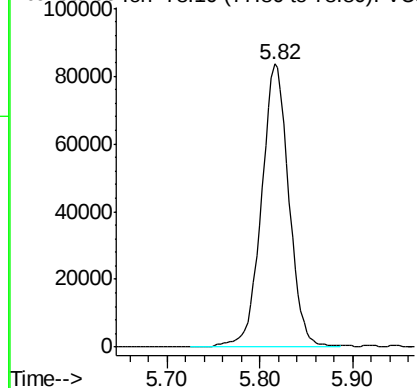
ClientSampleId :

BFR90

Tgt Ion: 78 Resp: 171817



Abundance Ion 78.10 (77.80 to 78.80): VU0



#34

Trichloroethene

Concen: 0.295 ug/L

RT: 6.58 min Scan# 1629

Delta R.T. 0.00 min

Lab File: VU036028.D

Acq: 06 Dec 2019 17:18

Tgt Ion: 95 Resp: 6926

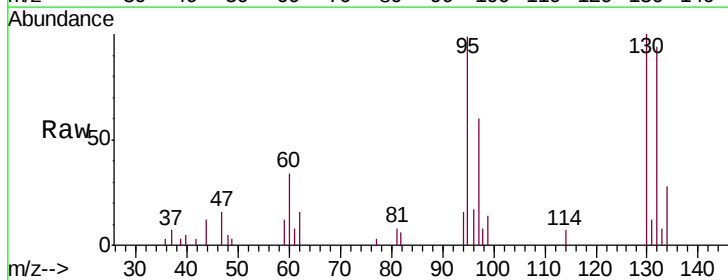
Ion	Ratio	Lower	Upper
95	100		
97	60.8	46.3	85.9
132	94.7	65.7	122.1
130	100.6	69.2	128.6

95 100

97 60.8 46.3 85.9

132 94.7 65.7 122.1

130 100.6 69.2 128.6

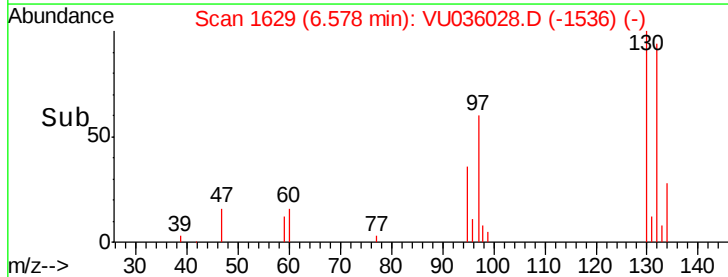
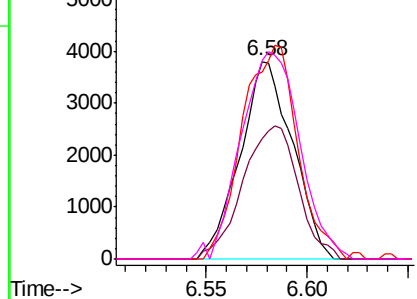


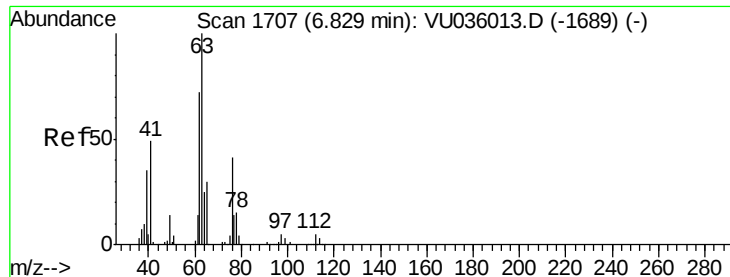
Abundance Ion 95.00 (94.70 to 95.70): VU0

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

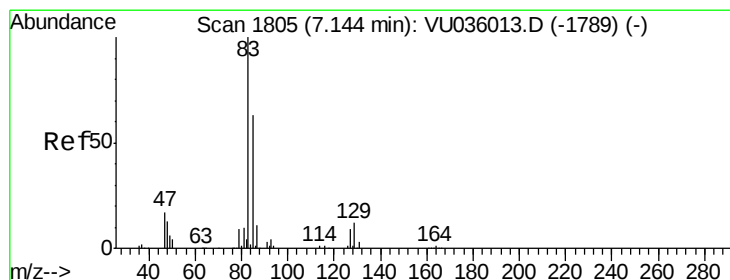
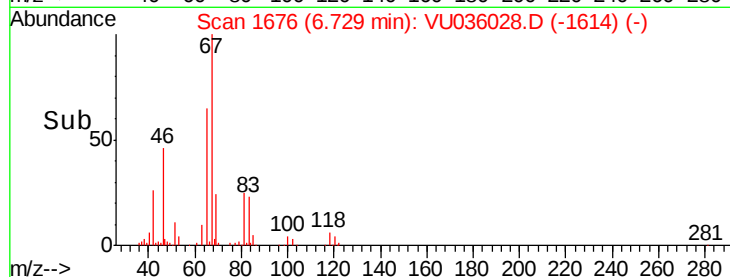
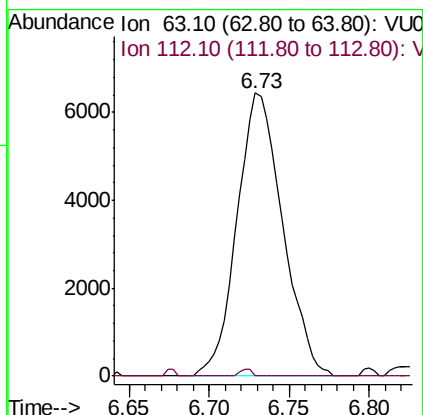
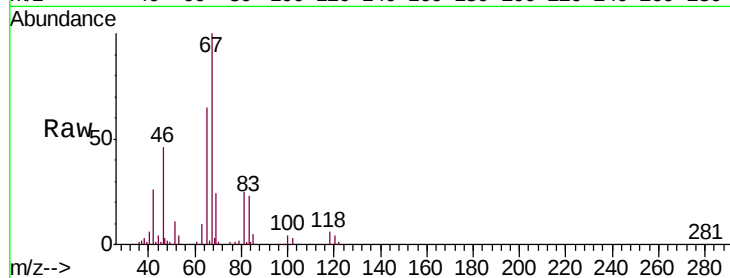




#37
 1,2-Dichloropropane
 Concen: 0.500 ug/L
 RT: 6.73 min Scan# 1676
 Delta R.T. -0.10 min
 Lab File: VU036028.D
 Acq: 06 Dec 2019 17:18

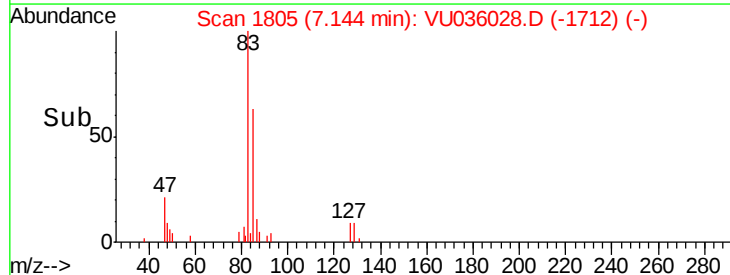
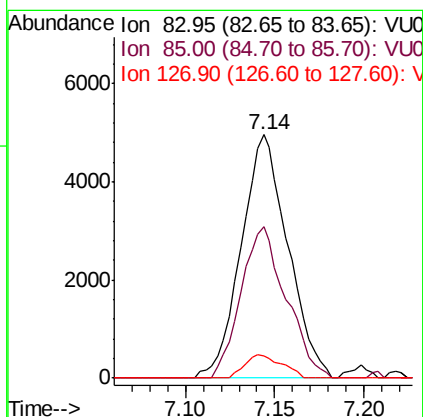
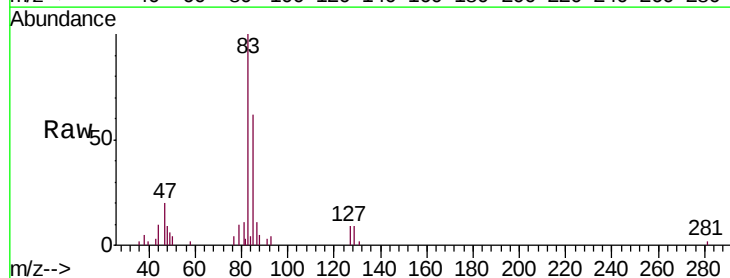
Instrument :
 MSVOA_U
 ClientSampleId :
 BFR90

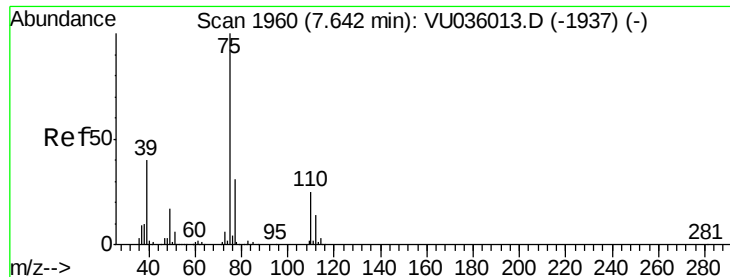
Tgt Ion: 63 Resp: 12545
 Ion Ratio Lower Upper
 63 100
 112 0.6 3.3 4.9#



#38
 Bromodichloromethane
 Concen: 0.301 ug/L
 RT: 7.14 min Scan# 1805
 Delta R.T. 0.00 min
 Lab File: VU036028.D
 Acq: 06 Dec 2019 17:18

Tgt Ion: 83 Resp: 9045
 Ion Ratio Lower Upper
 83 100
 85 62.0 44.0 81.8
 127 8.9 6.5 9.7

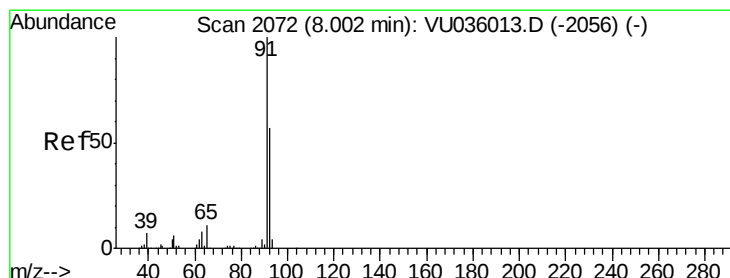
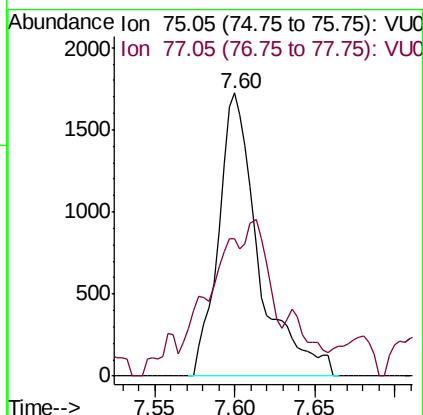
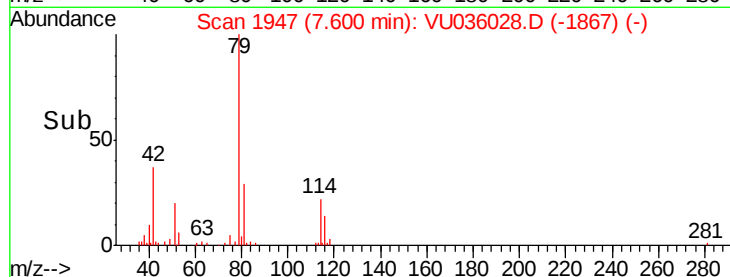
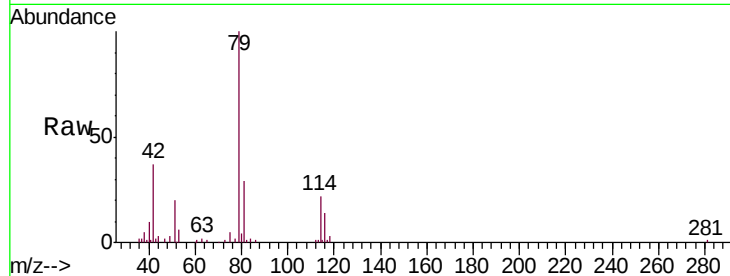




#39
 cis-1,3-Dichloropropene
 Concen: 0.089 ug/L
 RT: 7.60 min Scan# 1947
 Delta R.T. -0.04 min
 Lab File: VU036028.D
 Acq: 06 Dec 2019 17:18

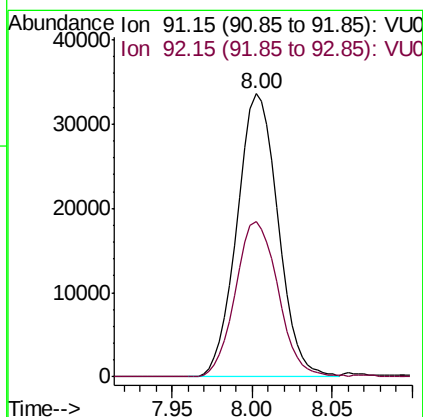
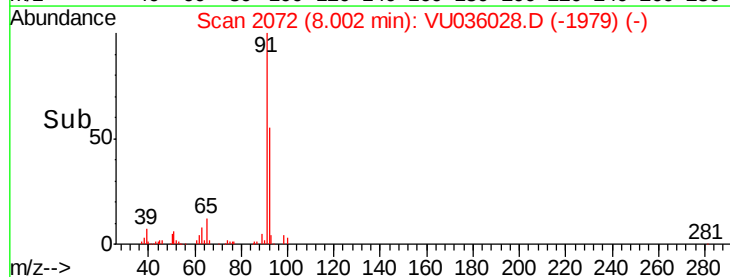
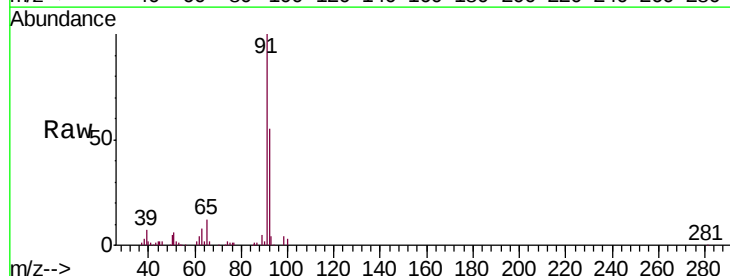
Instrument :
 MSVOA_U
 ClientSampleId :
 BFR90

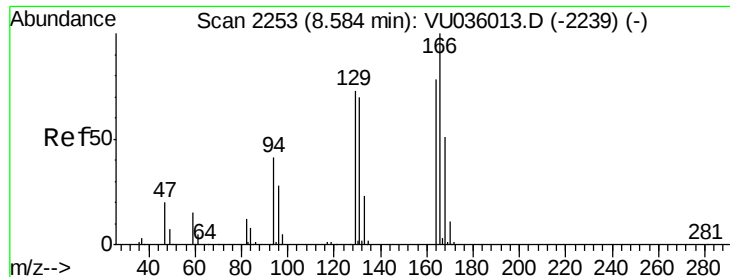
Tgt Ion: 75 Resp: 2969
 Ion Ratio Lower Upper
 75 100
 77 48.5 21.9 40.7#



#42
 Toluene
 Concen: 0.607 ug/L
 RT: 8.00 min Scan# 2072
 Delta R.T. 0.00 min
 Lab File: VU036028.D
 Acq: 06 Dec 2019 17:18

Tgt Ion: 91 Resp: 58778
 Ion Ratio Lower Upper
 91 100
 92 55.0 39.8 74.0





#47

Tetrachloroethene

Concen: 0.094 ug/L

RT: 8.59 min Scan# 2254

Delta R.T. 0.00 min

Lab File: VU036028.D

Acq: 06 Dec 2019 17:18

Instrument :

MSVOA_U

ClientSampleId :

BFR90

Tgt Ion:164 Resp: 1786

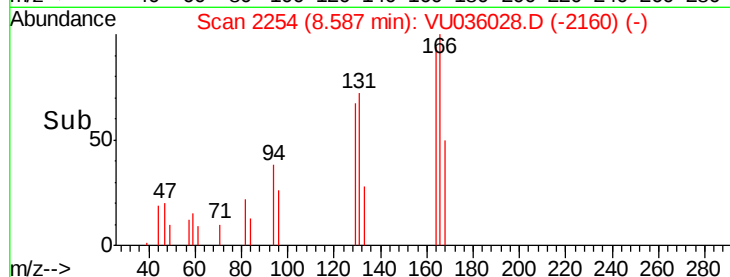
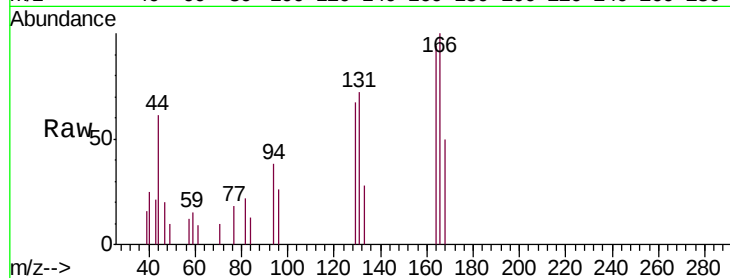
Ion Ratio Lower Upper

164 100

129 71.5 67.9 126.1

131 76.9 64.1 119.1

166 106.5 92.6 172.0

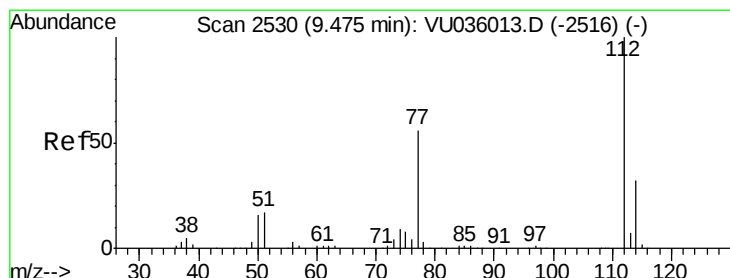
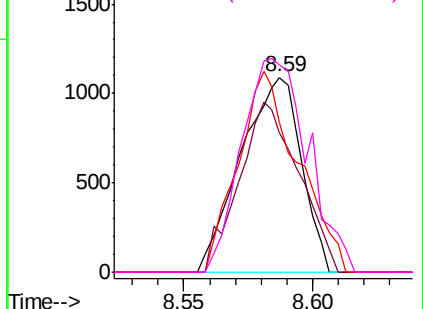


Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V



#51

Chlorobenzene

Concen: 1.677 ug/L

RT: 9.47 min Scan# 2530

Delta R.T. 0.00 min

Lab File: VU036028.D

Acq: 06 Dec 2019 17:18

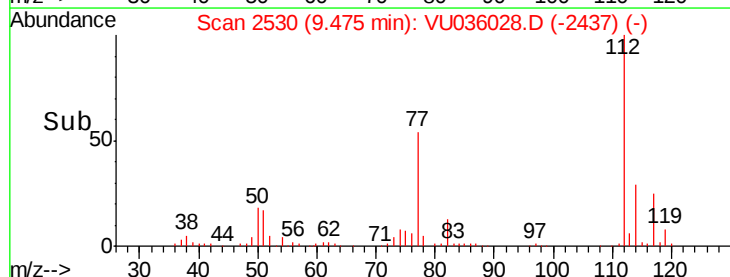
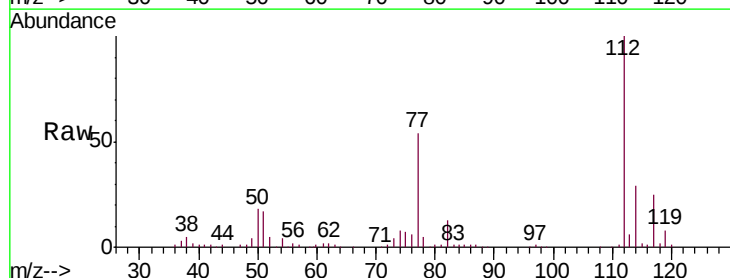
Tgt Ion:112 Resp: 101402

Ion Ratio Lower Upper

112 100

114 29.1 22.5 41.7

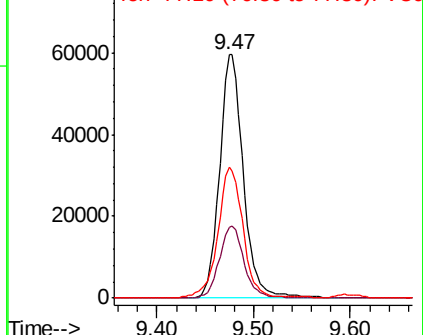
77 53.5 47.7 71.5

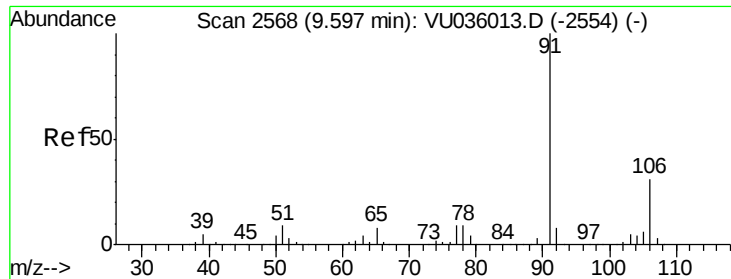


Abundance Ion 112.10 (111.80 to 112.80): V

Ion 114.05 (113.75 to 114.75): V

Ion 77.10 (76.80 to 77.80): VU





#52

Ethylbenzene

Concen: 0.190 ug/L

RT: 9.60 min Scan# 2568

Delta R.T. 0.00 min

Lab File: VU036028.D

Acq: 06 Dec 2019 17:18

Instrument :

MSVOA_U

ClientSampled :

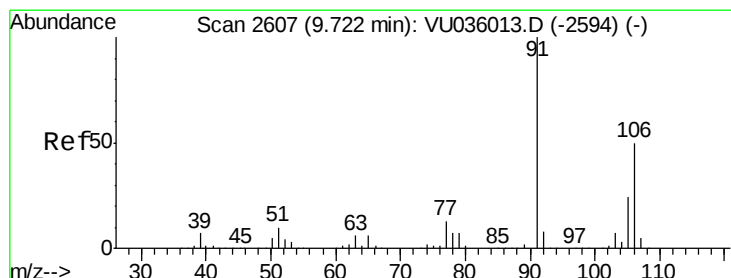
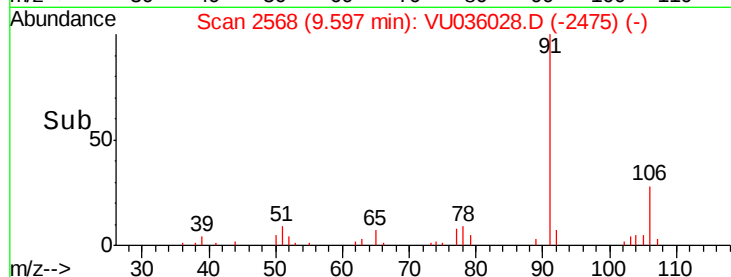
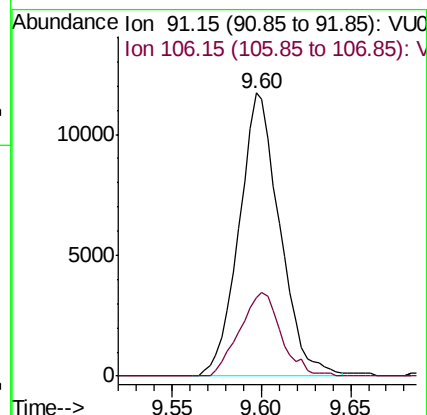
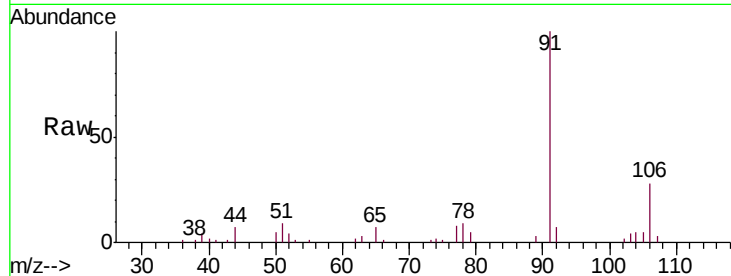
BFR90

Tgt Ion: 91 Resp: 18601

Ion Ratio Lower Upper

91 100

106 27.8 21.1 39.3



#53

m,p-Xylene

Concen: 0.361 ug/L

RT: 9.72 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VU036028.D

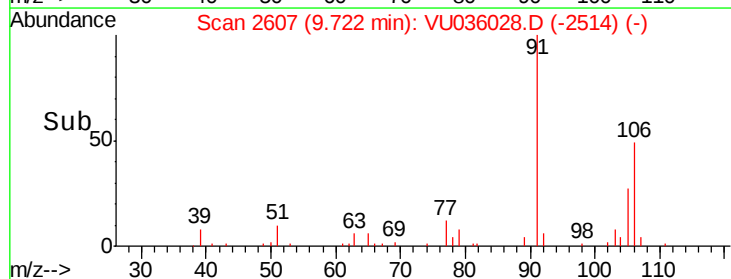
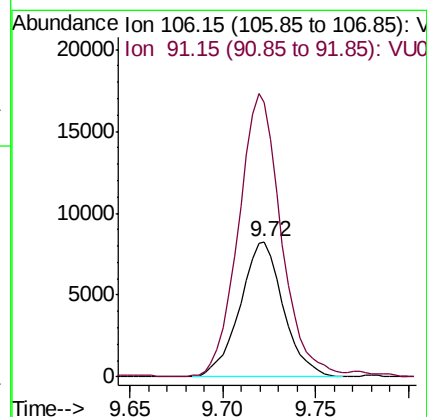
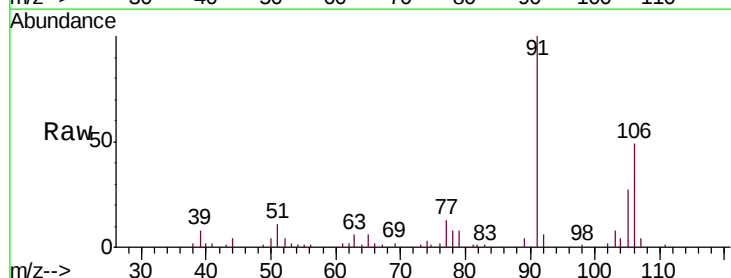
Acq: 06 Dec 2019 17:18

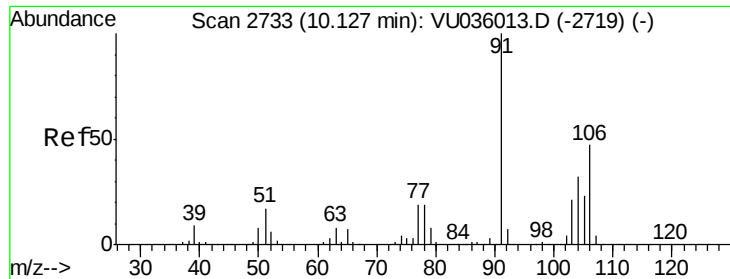
Tgt Ion: 106 Resp: 13342

Ion Ratio Lower Upper

106 100

91 203.0 138.9 257.9

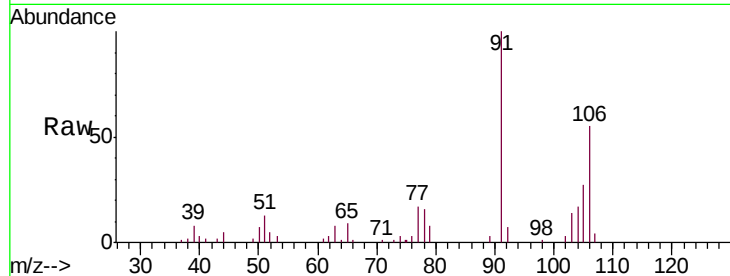




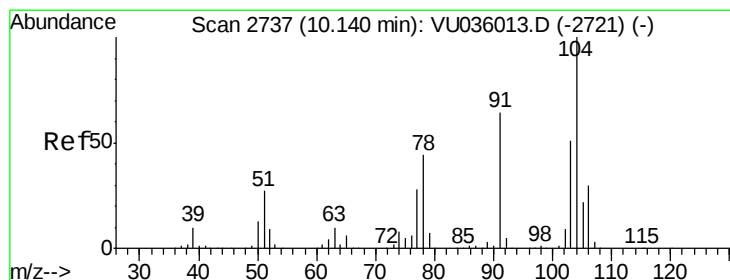
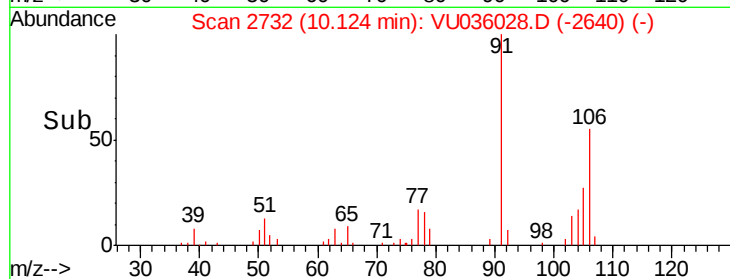
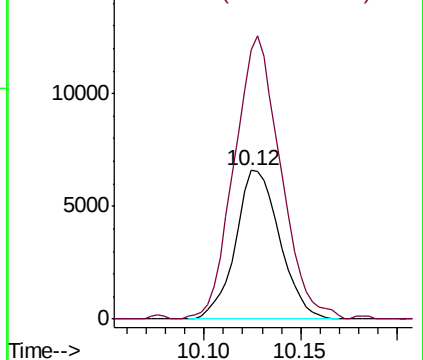
#54
o-Xylene
Concen: 0.302 ug/L
RT: 10.12 min Scan# 2732
Delta R.T. -0.00 min
Lab File: VU036028.D
Acq: 06 Dec 2019 17:18

Instrument :
MSVOA_U
ClientSampleId :
BFR90

Tgt Ion:106 Resp: 10486
Ion Ratio Lower Upper
106 100
91 181.3 155.3 288.3

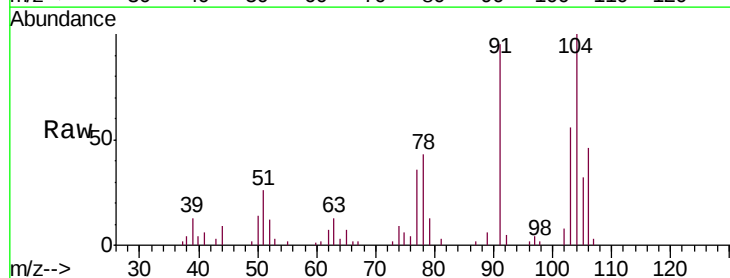


Abundance Ion 106.15 (105.85 to 106.85): V
Ion 91.15 (90.85 to 91.85): VU0

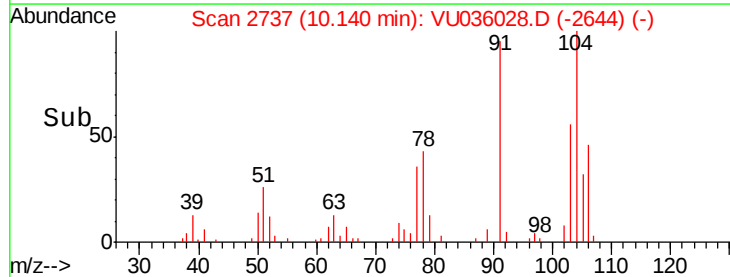
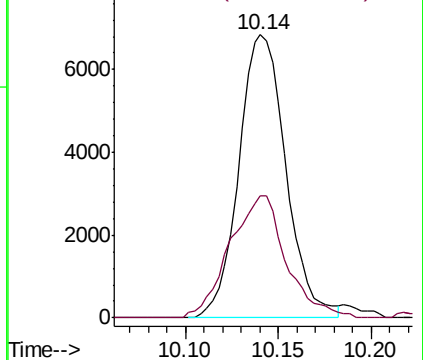


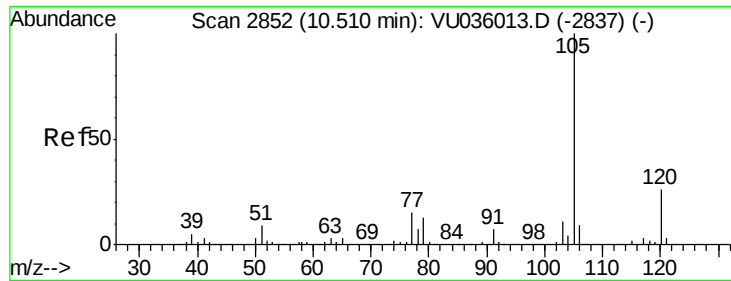
#55
Styrene
Concen: 0.207 ug/L
RT: 10.14 min Scan# 2737
Delta R.T. 0.00 min
Lab File: VU036028.D
Acq: 06 Dec 2019 17:18

Tgt Ion:104 Resp: 12088
Ion Ratio Lower Upper
104 100
78 43.2 31.2 58.0



Abundance Ion 104.10 (103.80 to 104.80): V
Ion 78.10 (77.80 to 78.80): VU0





#56

Isopropylbenzene

Concen: 0.087 ug/L

RT: 10.51 min Scan# 2852

Delta R.T. 0.00 min

Lab File: VU036028.D

Acq: 06 Dec 2019 17:18

Instrument :

MSVOA_U

ClientSampleId :

BFR90

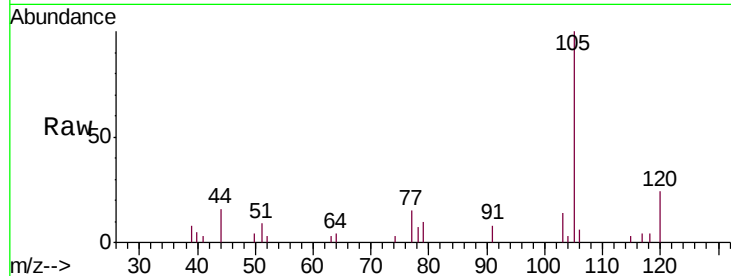
Tgt Ion:105 Resp: 7892

Ion Ratio Lower Upper

105 100

120 30.0 21.3 31.9

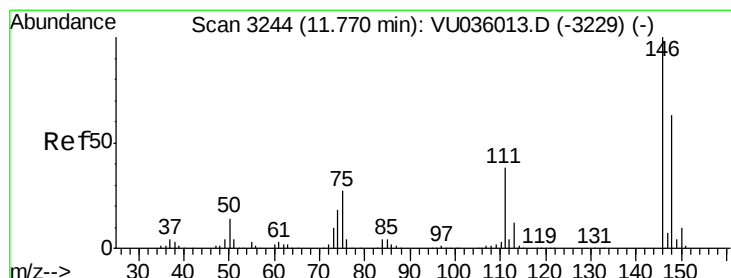
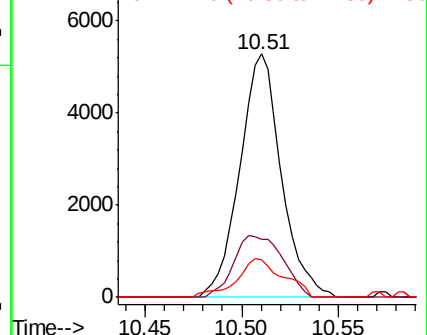
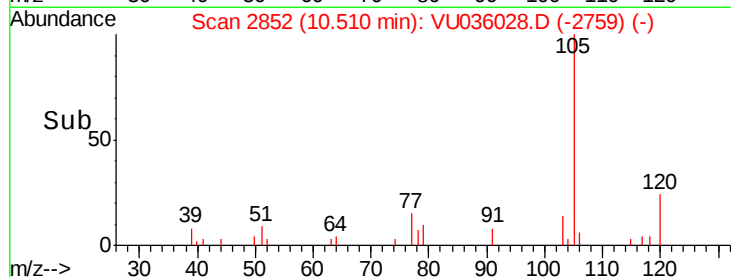
77 17.7 13.1 19.7



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.10 (119.80 to 120.80): V

Ion 77.10 (76.80 to 77.80): VU



#62

1,3-Dichlorobenzene

Concen: 0.150 ug/L

RT: 11.77 min Scan# 3244

Delta R.T. 0.00 min

Lab File: VU036028.D

Acq: 06 Dec 2019 17:18

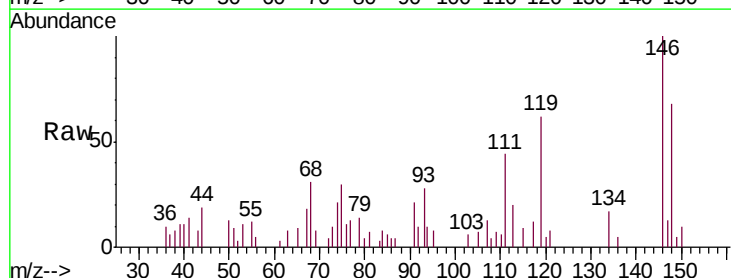
Tgt Ion:146 Resp: 6031

Ion Ratio Lower Upper

146 100

111 43.5 27.6 51.4

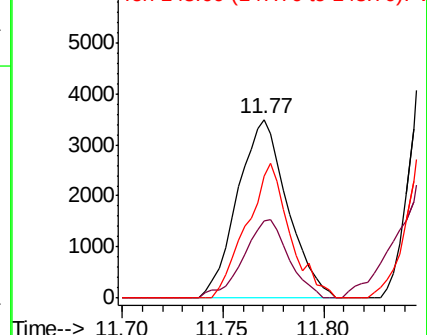
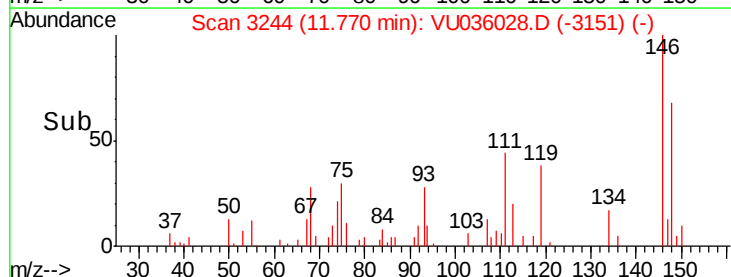
148 68.5 43.4 80.6

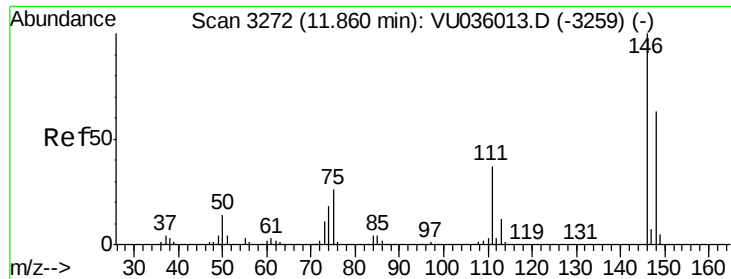


Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#63

1,4-Dichlorobenzene

Concen: 0.455 ug/L

RT: 11.86 min Scan# 3272

Delta R.T. 0.00 min

Lab File: VU036028.D

Acq: 06 Dec 2019 17:18

Instrument :

MSVOA_U

ClientSampled :

BFR90

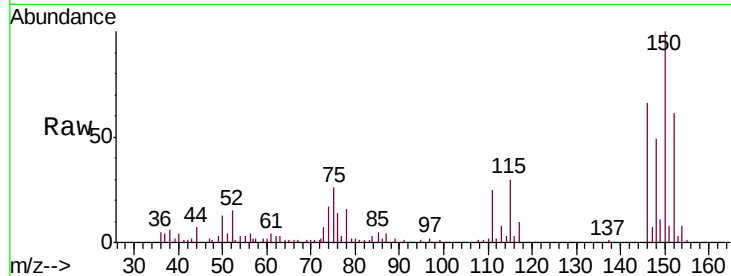
Tgt Ion:146 Resp: 18146

Ion Ratio Lower Upper

146 100

111 38.2 28.5 52.9

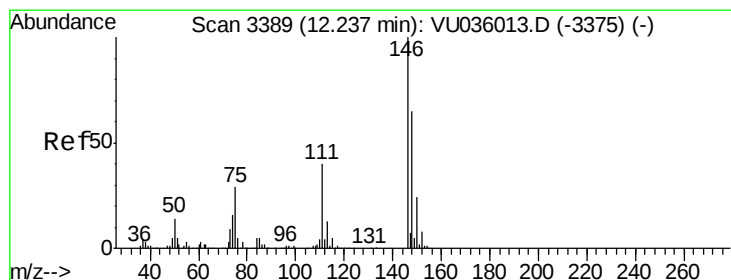
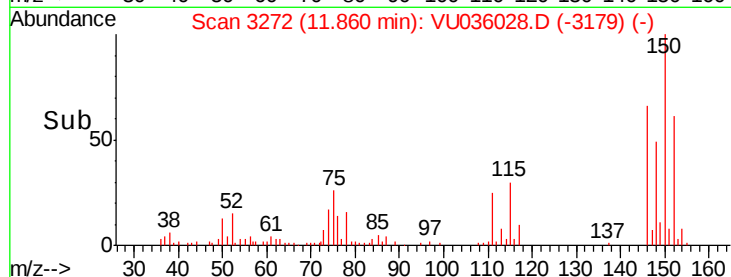
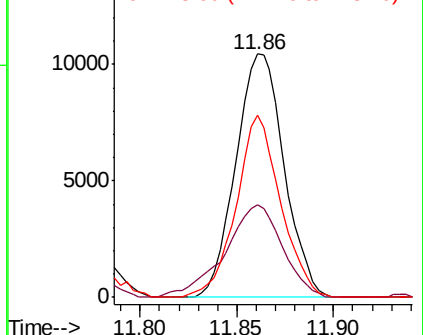
148 74.7 44.4 82.5



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: 0.472 ug/L

RT: 12.24 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VU036028.D

Acq: 06 Dec 2019 17:18

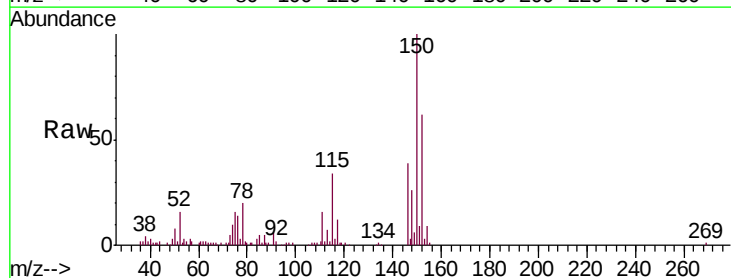
Tgt Ion:146 Resp: 18151

Ion Ratio Lower Upper

146 100

111 40.3 32.6 48.8

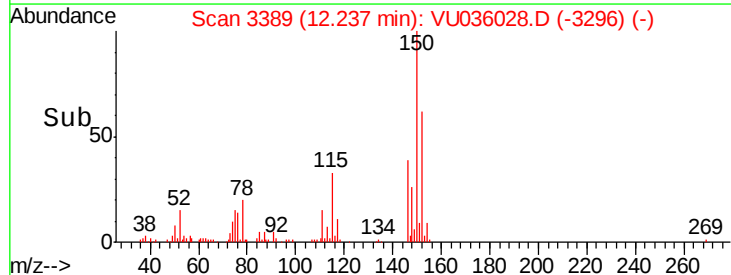
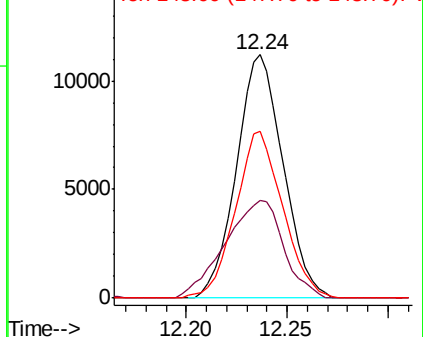
148 68.4 50.9 76.3

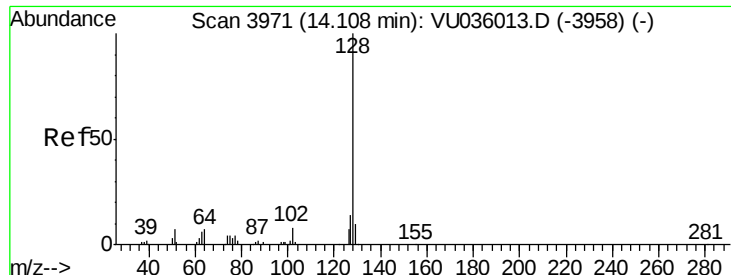


Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#69

Naphthalene

Concen: 0.159 ug/L

RT: 14.11 min Scan# 3972

Delta R.T. 0.00 min

Lab File: VU036028.D

Acq: 06 Dec 2019 17:18

Instrument :

MSVOA_U

ClientSampleId :

BFR90

Tgt Ion:128 Resp: 2664

Ion Ratio Lower Upper

128 100

129 6.6 8.4 12.6#

127 9.9 10.6 15.8#

