

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092620\
 Data File : VU040316.D
 Acq On : 25 Sep 2020 21:43
 Operator : SY/MD
 Sample : L4139-04
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG494

Quant Time: Sep 26 06:53:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Sep 26 06:44:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	136879	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	138024	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	71623	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	32801	4.39	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.80%
7) Chloroethane-d5	1.92	69	31675	5.09	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.80%
11) 1,1-Dichloroethene-d2	2.58	63	54230	2.83	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	56.60%#
20) 2-Butanone-d5	4.67	46	151282	50.61	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.22%
24) Chloroform-d	5.08	84	75411	4.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.40%
26) 1,2-Dichloroethane-d4	5.73	65	46299	4.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.00%
32) Benzene-d6	5.75	84	142871	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.60%
36) 1,2-Dichloropropane-d6	6.70	67	47969	4.51	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.20%
41) Toluene-d8	7.91	98	124883	4.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.80%
43) trans-1,3-Dichloropropene-	8.19	79	18238	3.74	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.80%
46) 2-Hexanone-d5	8.64	63	116882	50.57	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.14%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	44554	4.85	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	52131	4.50	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.00%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.39	85	872	0.064	ug/L	98
3) Chloromethane	1.53	50	1396	0.107	ug/L	97
5) Vinyl chloride	1.61	62	15748	1.194	ug/L	100
8) Chloroethane	1.94	64	408779	51.589	ug/L	100
13) Acetone	2.68	43	50404	18.215	ug/L	96
14) Carbon disulfide	2.90	76	107560	3.167	ug/L	100
15) Methyl Acetate	3.10	43	230482	33.186	ug/L #	54
16) Methylene chloride	3.06	84	4633	0.334	ug/L	76
17) Methyl tert-butyl Ether	3.39	73	5894	0.185	ug/L #	1
18) trans-1,2-Dichloroethene	3.37	96	5684	0.499	ug/L	95
19) 1,1-Dichloroethane	3.89	63	52199	2.225	ug/L	98
21) 2-Butanone	4.75	43	32665	7.230	ug/L	91
22) cis-1,2-Dichloroethene	4.68	96	28402	2.318	ug/L	98
27) 1,2-Dichloroethane	5.81	62	604726	34.363	ug/L #	78
29) 1,1,1-Trichloroethane	5.33	97	2583	0.119	ug/L	98
30) Cyclohexane	5.40	56	87181	4.148	ug/L	96
35) Methylcyclohexane	6.77	83	100591	4.960	ug/L	91

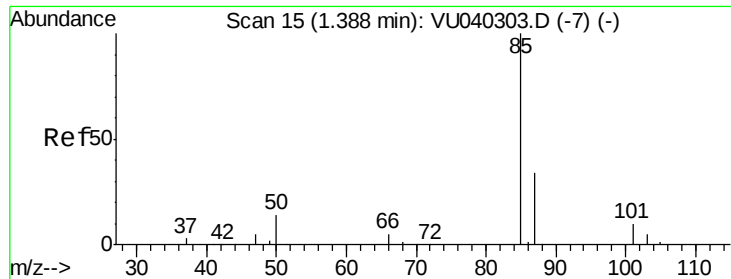
Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092620\
 Data File : VU040316.D
 Acq On : 25 Sep 2020 21:43
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 QLast Update : Sat Sep 26 06:44:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1,2-Dichloropropane	6.77	63	1902	0.142	ug/L #	1
39) cis-1,3-Dichloropropene	7.58	75	1486	0.075	ug/L #	47
40) 4-Methyl-2-pentanone	7.82	43	199415	18.178	ug/L	99
44) trans-1,3-Dichloropropene	8.01	75	771199	42.209	ug/L #	1
45) 1,1,2-Trichloroethane	8.38	97	3295	0.338	ug/L #	19
48) 2-Hexanone	8.69	43	5073	0.634	ug/L #	95
51) Chlorobenzene	9.45	112	3554266	112.580	ug/L	99
52) Ethylbenzene	9.57	91	15051360	260.510	ug/L	98
53) m,p-Xylene	9.71	106	12617176	613.360	ug/L #	40
54) o-Xylene	10.11	106	4382815	223.586	ug/L	100
55) Styrene	10.11	104	224460	6.585	ug/L #	1
56) Isopropylbenzene	10.48	105	953406	17.834	ug/L	99
58) 1,1,1,2-Tetrachloroethane	10.80	83	1835	0.147	ug/L #	42
59) 1,2,3-Trichloropropane	11.00	75	25060	2.530	ug/L #	1
62) 1,3-Dichlorobenzene	11.74	146	28339	1.083	ug/L	98
63) 1,4-Dichlorobenzene	11.83	146	229239	8.654	ug/L	98
65) 1,2-Dichlorobenzene	12.20	146	296365	11.700	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.97	75	1378	0.509	ug/L #	8
68) 1,2,4-trichlorobenzene	13.83	180	1924	0.121	ug/L #	84
69) Naphthalene	14.07	128	302053	9.140	ug/L	99

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



#2

Dichlorodifluoromethane

Concen: 0.064 ug/L

RT: 1.39 min Scan# 15

Delta R.T. 0.00 min

Lab File: VU040316.D

Acq: 25 Sep 2020 21:43

Instrument :

MSVOA_U

ClientSampleId :

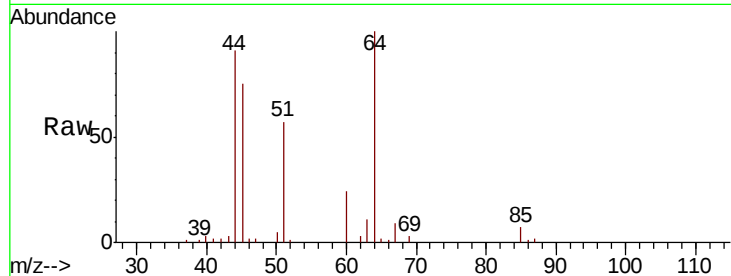
BG494

Tot Ion: 85 Resp: 872

Ion Ratio Lower Upper

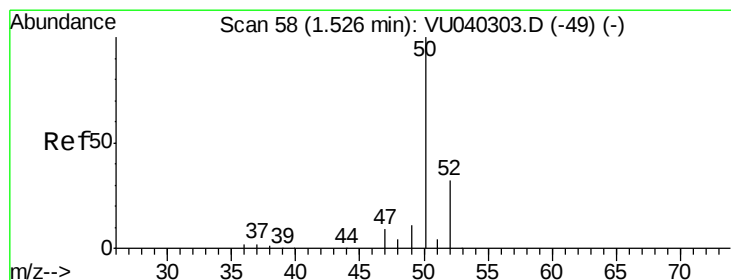
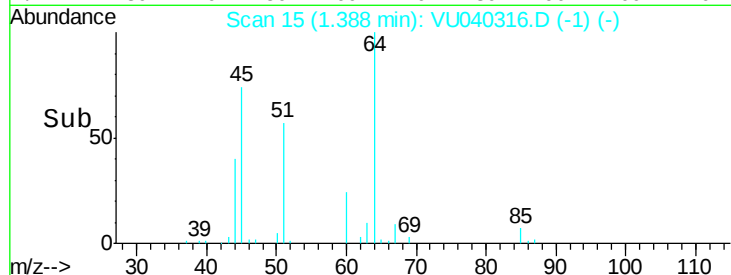
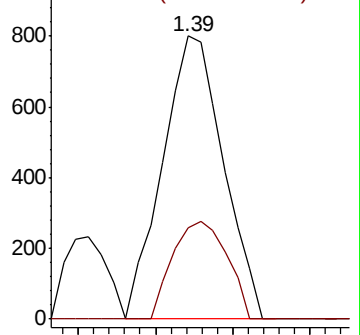
85 100

87 31.1 25.9 38.9



Abundance Ion 85.00 (84.70 to 85.70): VU0

Ion 87.00 (86.70 to 87.70): VU0



#3

Chloromethane

Concen: 0.107 ug/L

RT: 1.53 min Scan# 58

Delta R.T. 0.00 min

Lab File: VU040316.D

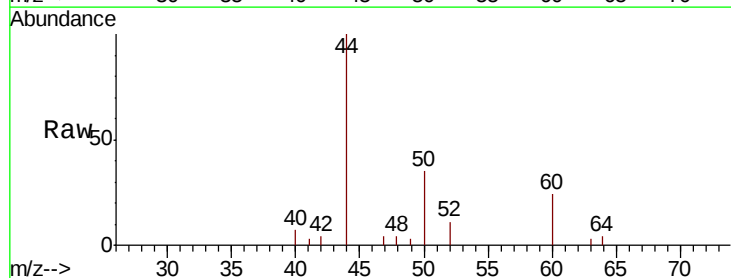
Acq: 25 Sep 2020 21:43

Tgt Ion: 50 Resp: 1396

Ion Ratio Lower Upper

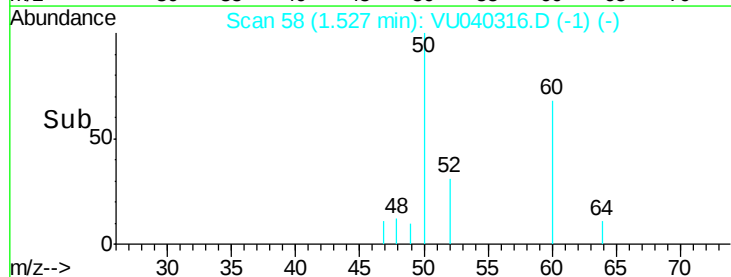
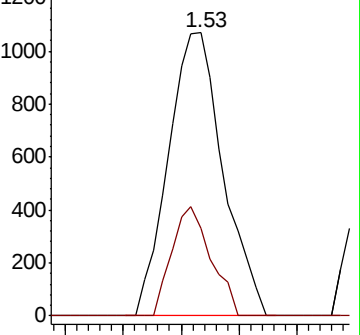
50 100

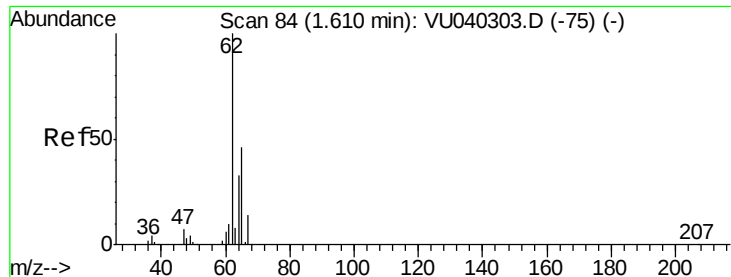
52 31.0 22.8 42.4



Abundance Ion 50.05 (49.75 to 50.75): VU0

Ion 52.05 (51.75 to 52.75): VU0





#5

Vinyl chloride

Concen: 1.194 ug/L

RT: 1.61 min Scan# 84

Delta R.T. 0.00 min

Lab File: VU040316.D

Acq: 25 Sep 2020 21:43

Instrument :

MSVOA_U

ClientSampleId :

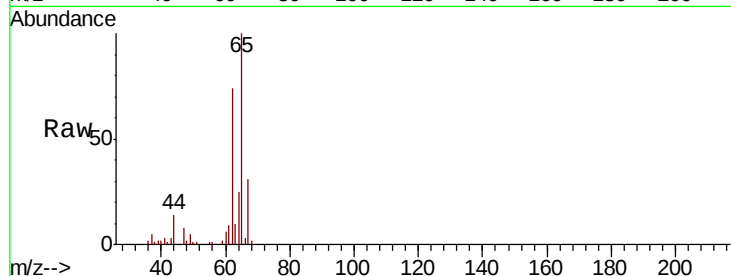
BG494

Tot Ion: 62 Resp: 15748

Ion Ratio Lower Upper

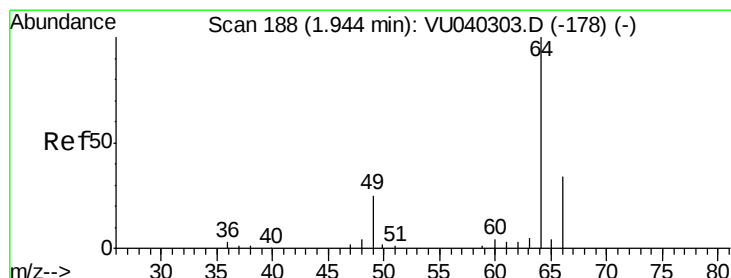
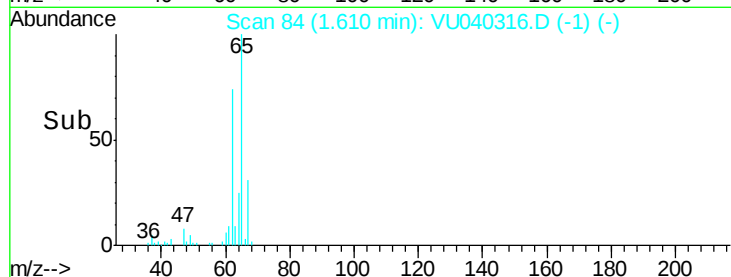
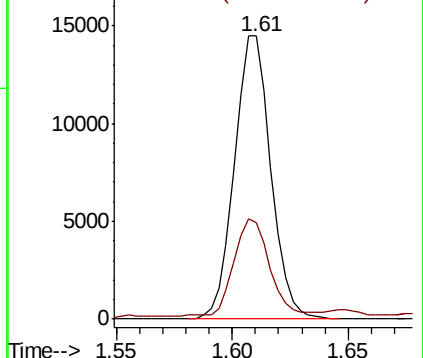
62 100

64 34.3 23.9 44.3



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.10 (63.80 to 64.80): VU0



#8

Chloroethane

Concen: 51.589 ug/L

RT: 1.94 min Scan# 187

Delta R.T. -0.00 min

Lab File: VU040316.D

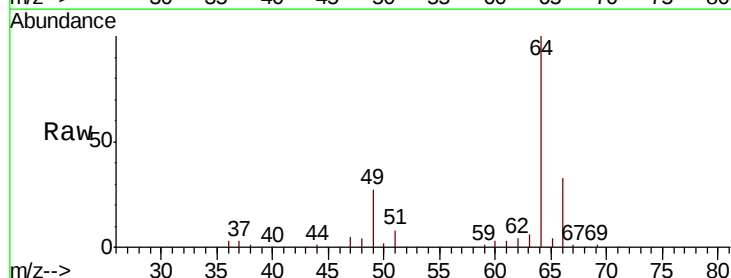
Acq: 25 Sep 2020 21:43

Tgt Ion: 64 Resp: 408779

Ion Ratio Lower Upper

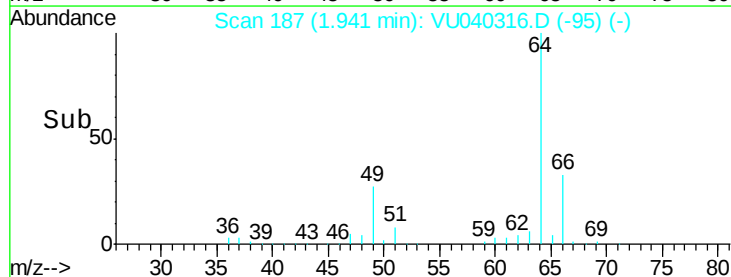
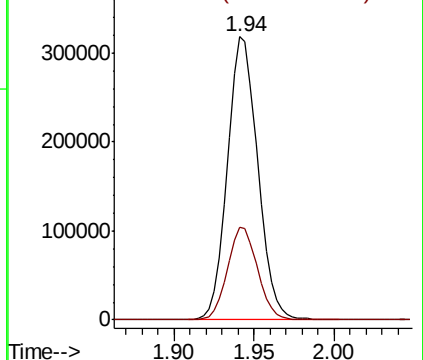
64 100

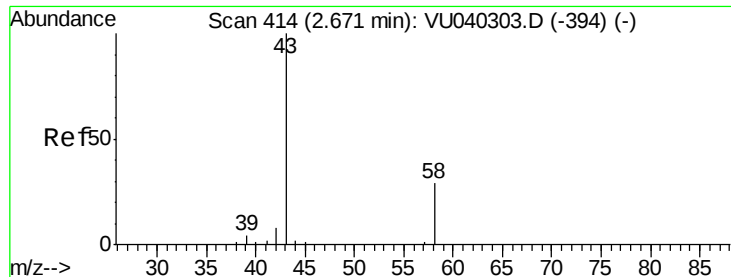
66 32.6 22.7 42.1



Abundance Ion 64.10 (63.80 to 64.80): VU0

Ion 66.05 (65.75 to 66.75): VU0





#13

Acetone

Concen: 18.215 ug/L

RT: 2.68 min Scan# 416

Delta R.T. 0.01 min

Lab File: VU040316.D

Acq: 25 Sep 2020 21:43

Instrument :

MSVOA_U

ClientSampled :

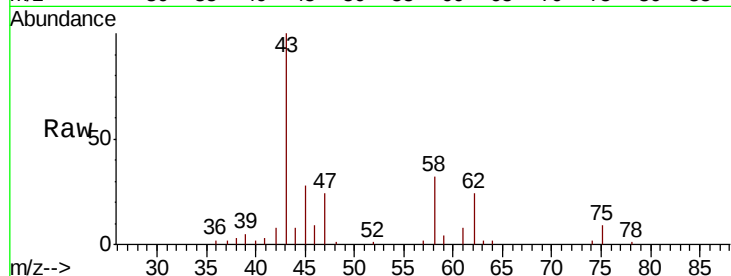
BG494

Tot Ion: 43 Resp: 50404

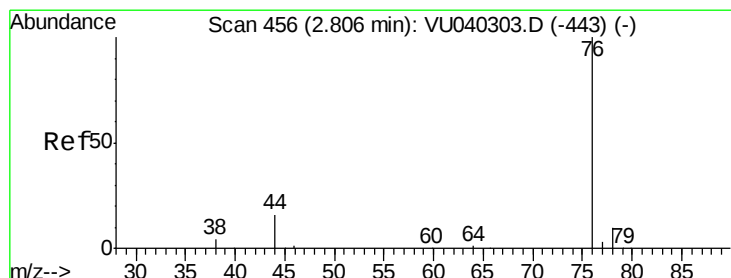
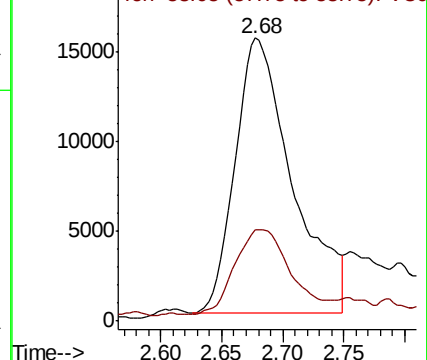
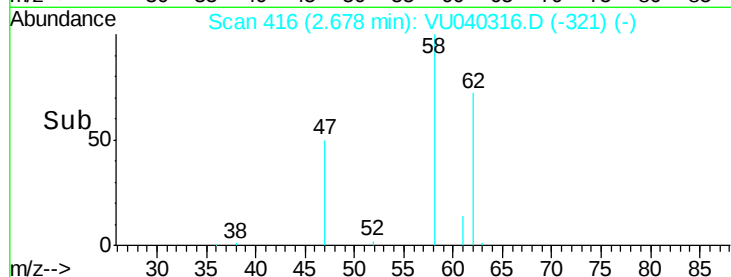
Ion Ratio Lower Upper

43 100

58 29.6 0.0 55.4



Abundance Ion 43.05 (42.75 to 43.75): VU040316.D (-321) (-)



#14

Carbon disulfide

Concen: 3.167 ug/L

RT: 2.90 min Scan# 485

Delta R.T. 0.09 min

Lab File: VU040316.D

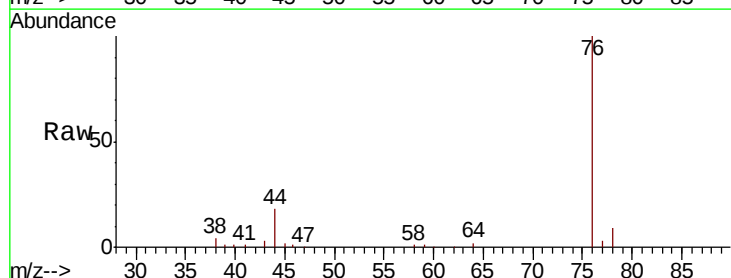
Acq: 25 Sep 2020 21:43

Tgt Ion: 76 Resp: 107560

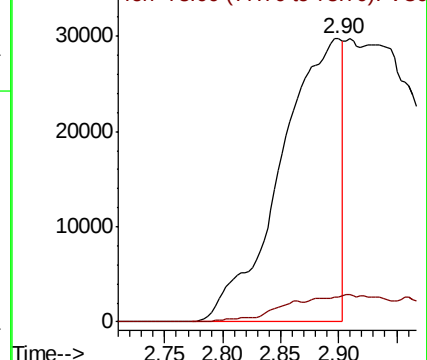
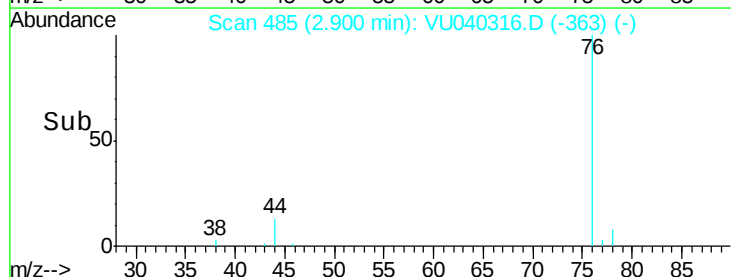
Ion Ratio Lower Upper

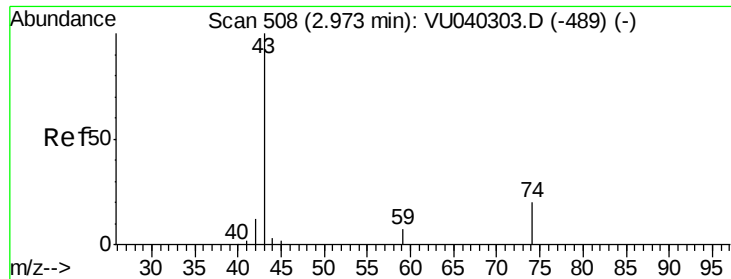
76 100

78 8.8 7.2 10.8



Abundance Ion 76.05 (75.75 to 76.75): VU040316.D (-363) (-)





#15

Methvl Acetate

Concen: 33.186 ug/L

RT: 3.10 min Scan# 546

Delta R.T. 0.12 min

Lab File: VU040316.D

Acq: 25 Sep 2020 21:43

Instrument :

MSVOA_U

ClientSampled :

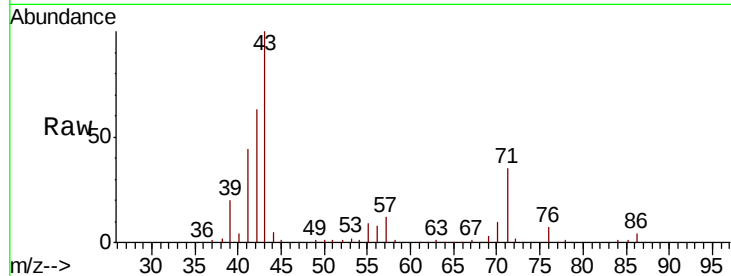
BG494

Tot Ion: 43 Resp: 230482

Ion Ratio Lower Upper

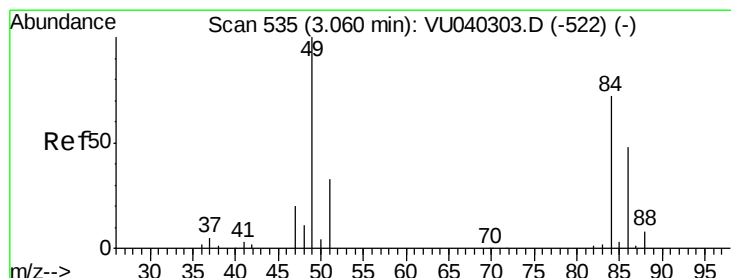
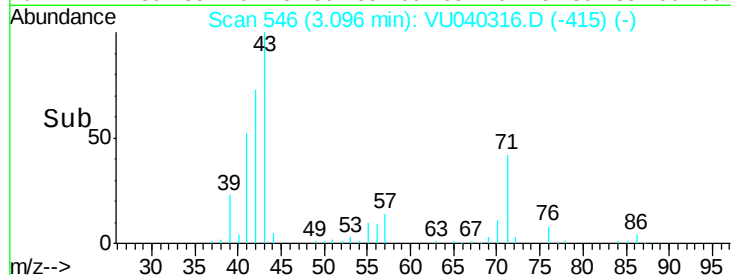
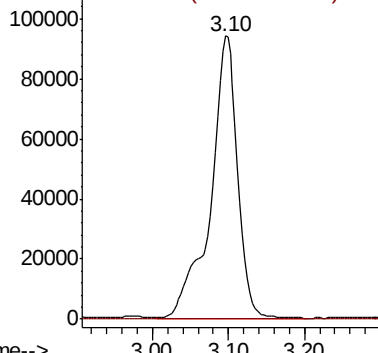
43 100

74 0.1 17.4 26.0#



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 74.05 (73.75 to 74.75): VU0



#16

Methylene chloride

Concen: 0.334 ug/L

RT: 3.06 min Scan# 535

Delta R.T. 0.00 min

Lab File: VU040316.D

Acq: 25 Sep 2020 21:43

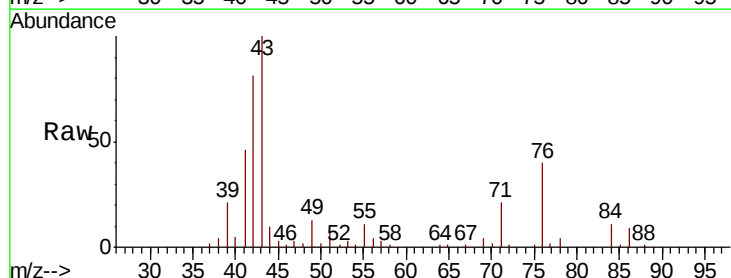
Tgt Ion: 84 Resp: 4633

Ion Ratio Lower Upper

84 100

86 83.8 45.2 84.0

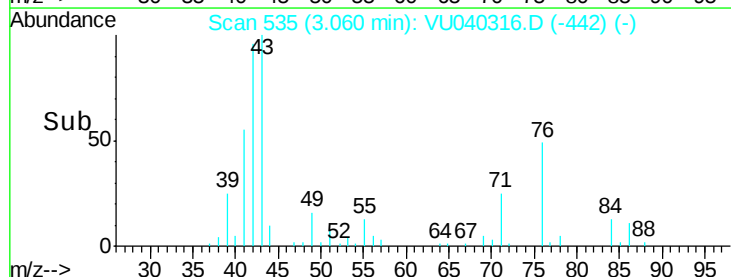
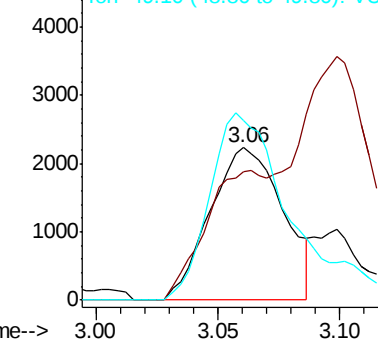
49 117.7 104.0 193.2

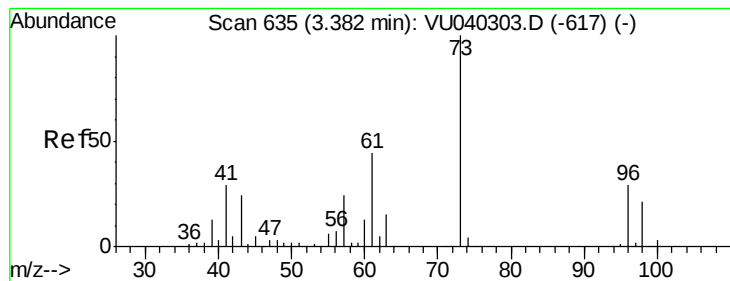


Abundance Ion 84.05 (83.75 to 84.75): VU0

Ion 86.00 (85.70 to 86.70): VU0

Ion 49.10 (48.80 to 49.80): VU0





#17

Methyl tert-butyl Ether

Concen: 0.185 ug/L

RT: 3.39 min Scan# 636

Delta R.T. 0.00 min

Lab File: VU040316.D

Acq: 25 Sep 2020 21:43

Instrument :

MSVOA_U

ClientSampled :

BG494

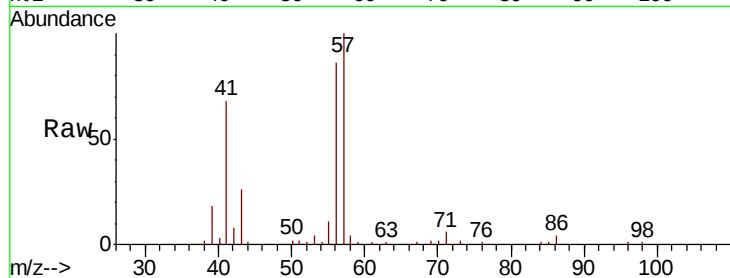
Tot Ion: 73 Resp: 5894

Ion Ratio Lower Upper

73 100

43 1618.8 19.1 28.7#

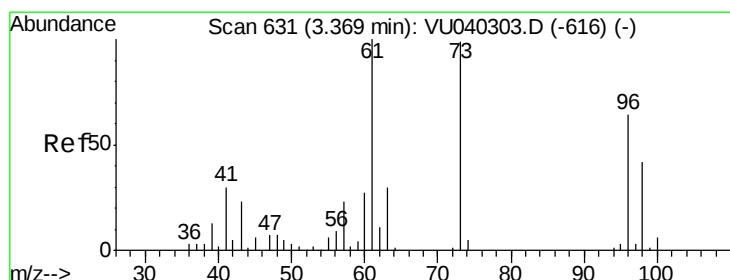
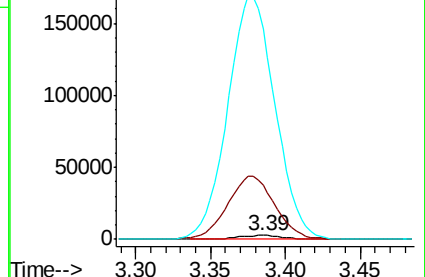
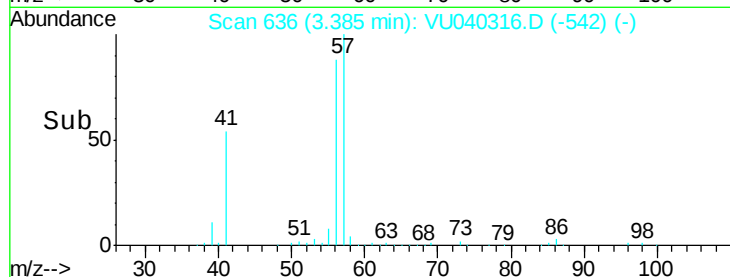
57 6318.4 18.3 27.5#



Abundance Ion 73.10 (72.80 to 73.80): VU040316.D (-542) (-)

Ion 43.05 (42.75 to 43.75): VU040316.D (-542) (-)

Ion 57.10 (56.80 to 57.80): VU040316.D (-542) (-)



#18

trans-1,2-Dichloroethene

Concen: 0.499 ug/L

RT: 3.37 min Scan# 632

Delta R.T. 0.00 min

Lab File: VU040316.D

Acq: 25 Sep 2020 21:43

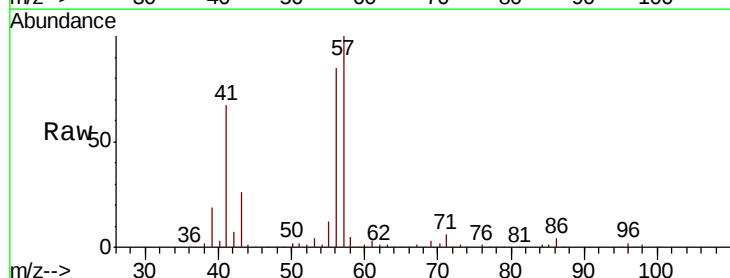
Tgt Ion: 96 Resp: 5684

Ion Ratio Lower Upper

96 100

61 164.8 110.5 205.3

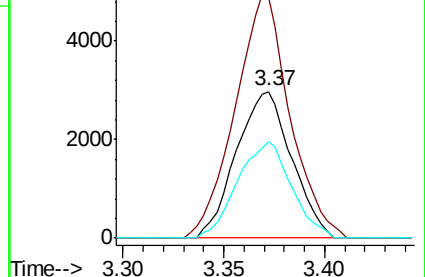
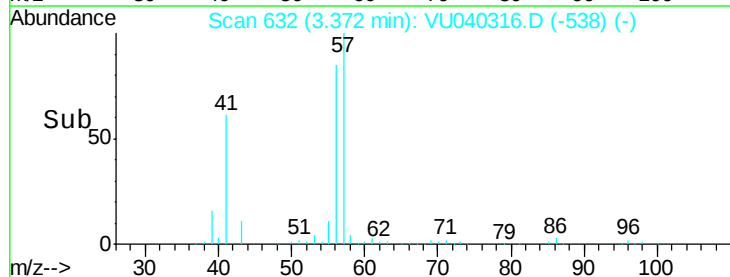
98 65.9 43.2 80.2

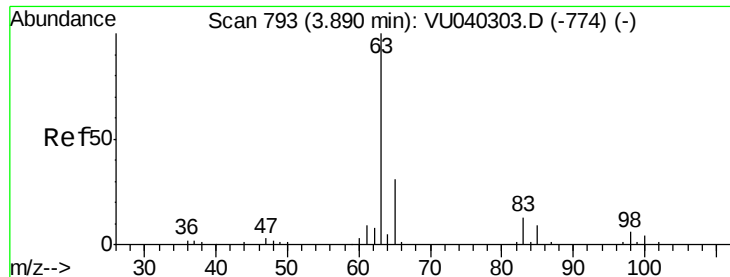


Abundance Ion 96.00 (95.70 to 96.70): VU040316.D (-538) (-)

Ion 61.05 (60.75 to 61.75): VU040316.D (-538) (-)

Ion 97.95 (97.65 to 98.65): VU040316.D (-538) (-)





#19

1,1-Dichloroethane

Concen: 2.225 ug/L

RT: 3.89 min Scan# 793

Delta R.T. 0.00 min

Lab File: VU040316.D

Acq: 25 Sep 2020 21:43

Instrument :

MSVOA_U

ClientSampled :

BG494

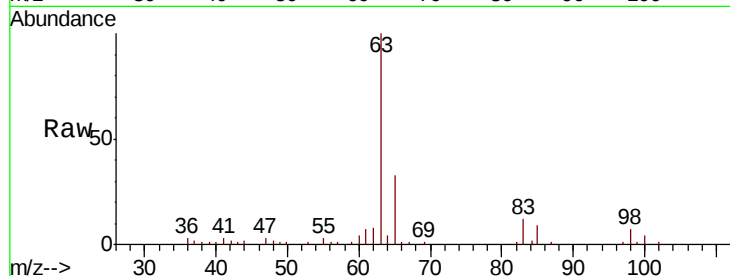
Tot Ion: 63 Resp: 52199

Ion Ratio Lower Upper

63 100

65 32.5 22.2 41.2

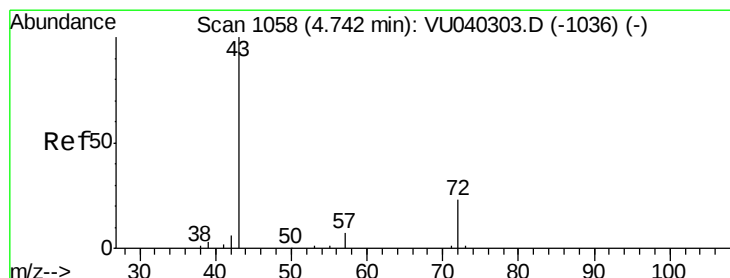
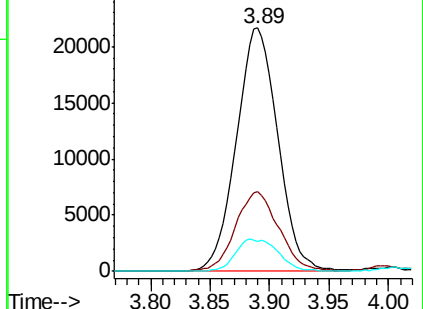
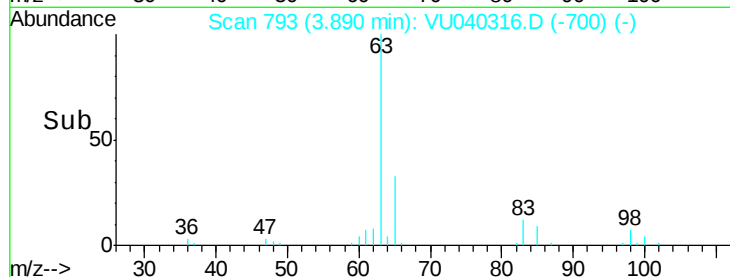
83 12.4 9.4 17.6



Abundance Ion 63.10 (62.80 to 63.80): VU040316.D (-700) (-)

Ion 65.10 (64.80 to 65.80): VU040316.D (-700) (-)

Ion 83.05 (82.75 to 83.75): VU040316.D (-700) (-)



#21

2-Butanone

Concen: 7.230 ug/L

RT: 4.75 min Scan# 1059

Delta R.T. 0.00 min

Lab File: VU040316.D

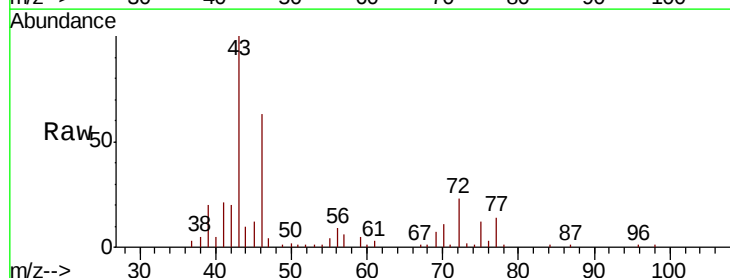
Acq: 25 Sep 2020 21:43

Tgt Ion: 43 Resp: 32665

Ion Ratio Lower Upper

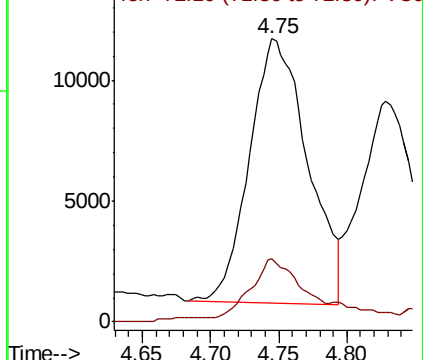
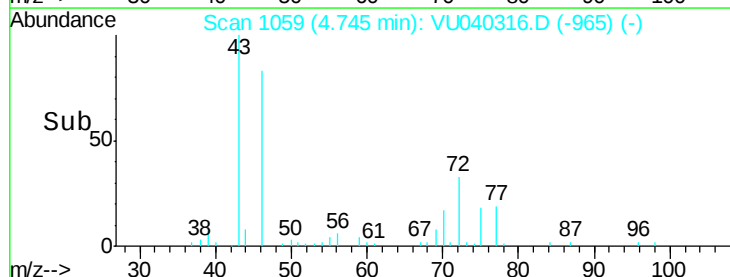
43 100

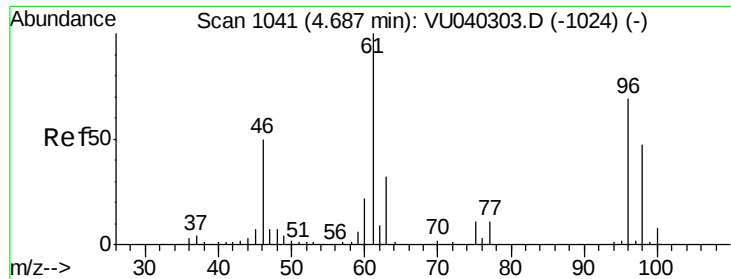
72 18.9 11.7 35.0



Abundance Ion 43.05 (42.75 to 43.75): VU040316.D (-965) (-)

Ion 72.10 (71.80 to 72.80): VU040316.D (-965) (-)

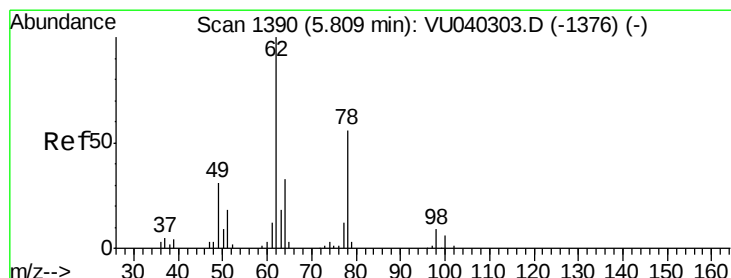
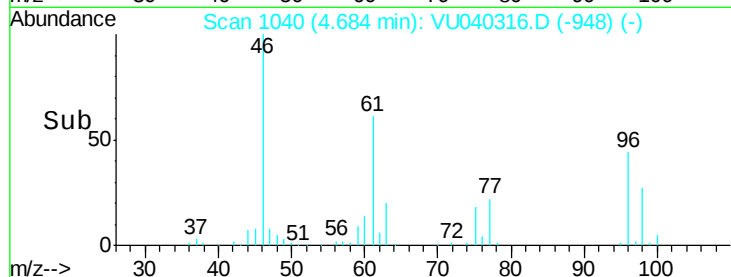
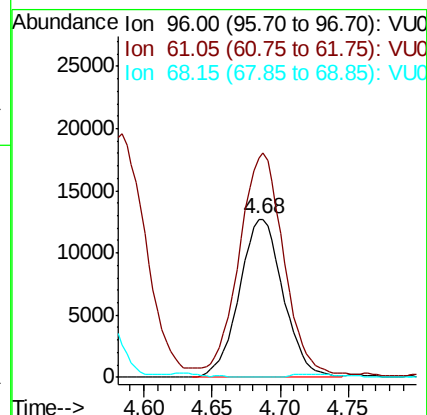
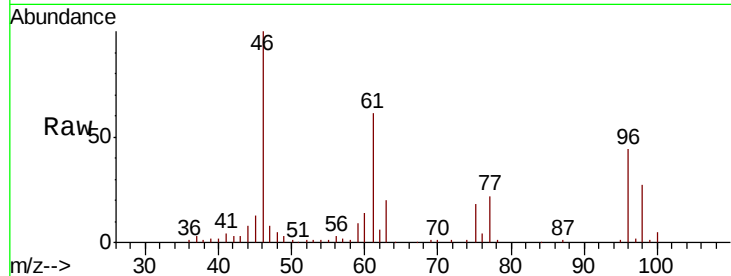




#22
 cis-1,2-Dichloroethene
 Concen: 2.318 ug/L
 RT: 4.68 min Scan# 1040
 Delta R.T. -0.00 min
 Lab File: VU040316.D
 Acq: 25 Sep 2020 21:43

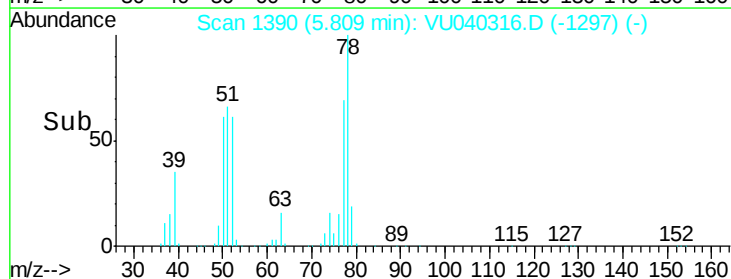
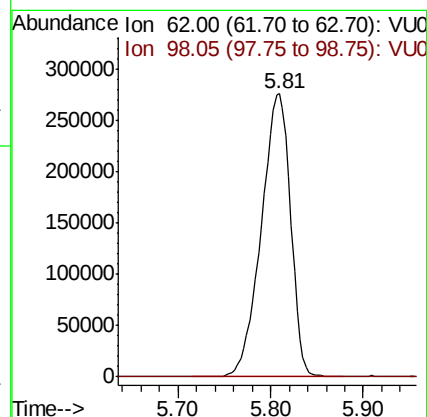
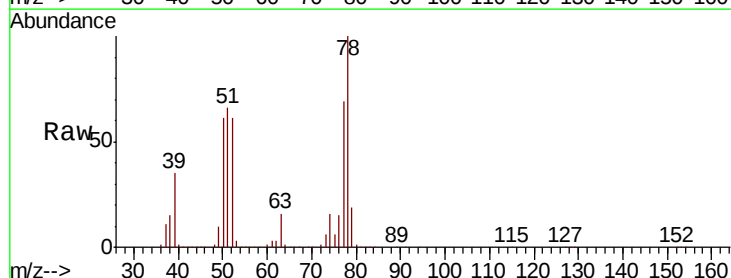
Instrument :
 MSVOA_U
 ClientSampled :
 BG494

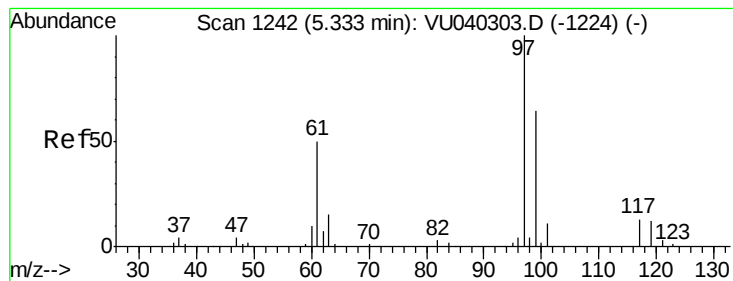
Tot Ion: 96 Resp: 28402
 Ion Ratio Lower Upper
 96 100
 61 138.6 98.8 183.4
 68 0.0 0.0 0.0



#27
 1,2-Dichloroethane
 Concen: 34.363 ug/L
 RT: 5.81 min Scan# 1390
 Delta R.T. 0.00 min
 Lab File: VU040316.D
 Acq: 25 Sep 2020 21:43

Tgt Ion: 62 Resp: 604726
 Ion Ratio Lower Upper
 62 100
 98 0.0 6.1 9.1#





#29

1,1,1-Trichloroethane

Concen: 0.119 ug/L

RT: 5.33 min Scan# 1242

Delta R.T. 0.00 min

Lab File: VU040316.D

Acq: 25 Sep 2020 21:43

Instrument :

MSVOA_U

ClientSampleId :

BG494

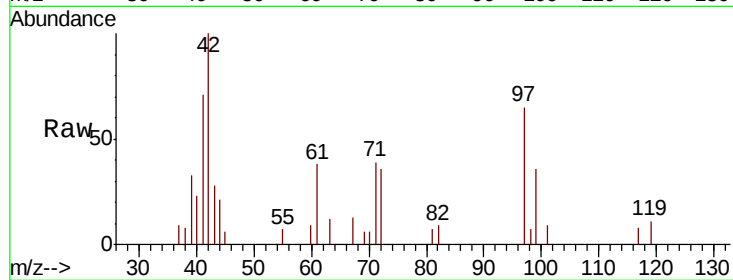
Tot Ion: 97 Resp: 2583

Ion Ratio Lower Upper

97 100

99 61.7 50.9 76.3

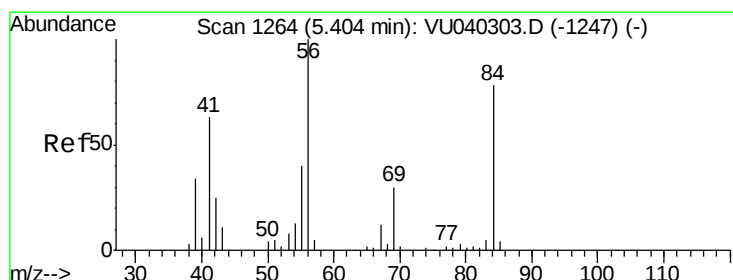
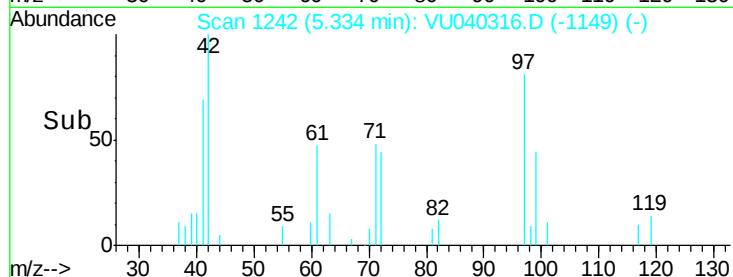
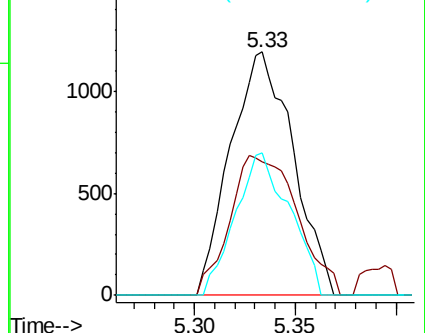
61 50.7 39.5 59.3



Abundance Ion 96.95 (96.65 to 97.65): VU040316.D (-1149) (-)

Ion 99.05 (98.75 to 99.75): VU040316.D (-1149) (-)

Ion 61.05 (60.75 to 61.75): VU040316.D (-1149) (-)



#30

Cyclohexane

Concen: 4.148 ug/L

RT: 5.40 min Scan# 1264

Delta R.T. 0.00 min

Lab File: VU040316.D

Acq: 25 Sep 2020 21:43

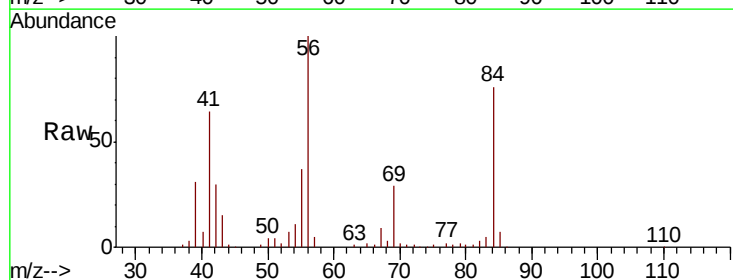
Tgt Ion: 56 Resp: 87181

Ion Ratio Lower Upper

56 100

69 30.2 24.1 36.1

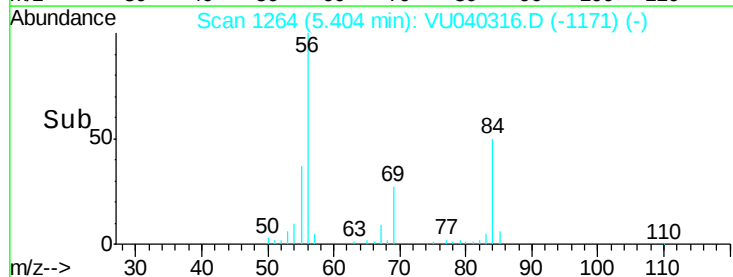
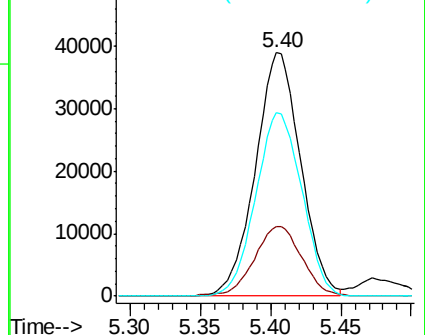
84 76.8 65.0 97.4

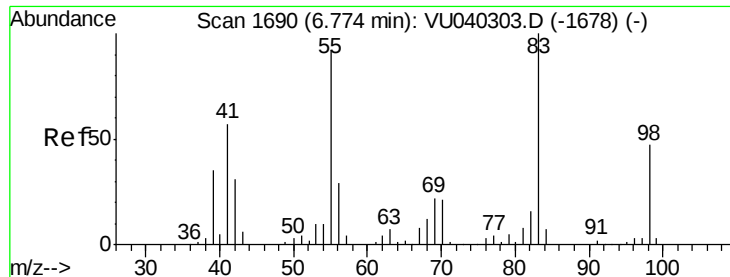


Abundance Ion 56.10 (55.80 to 56.80): VU040316.D (-1171) (-)

Ion 69.15 (68.85 to 69.85): VU040316.D (-1171) (-)

Ion 84.15 (83.85 to 84.85): VU040316.D (-1171) (-)

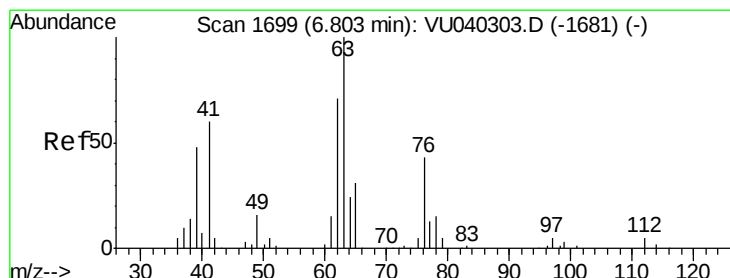
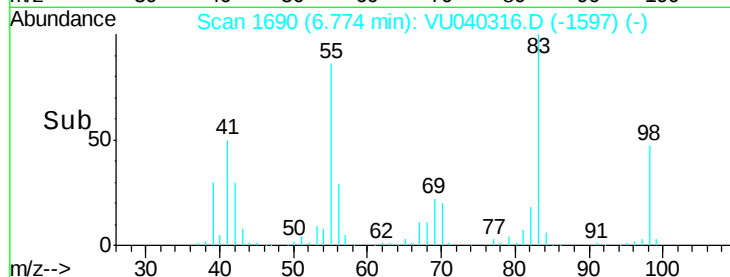
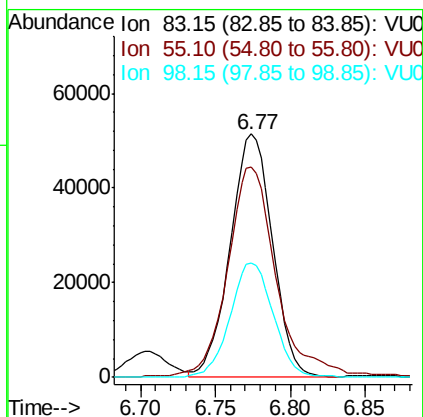
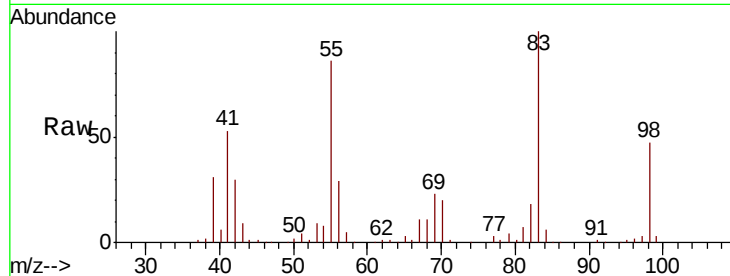




#35
Methvlcvclohexane
Concen: 4.960 ug/L
RT: 6.77 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VU040316.D
Acq: 25 Sep 2020 21:43

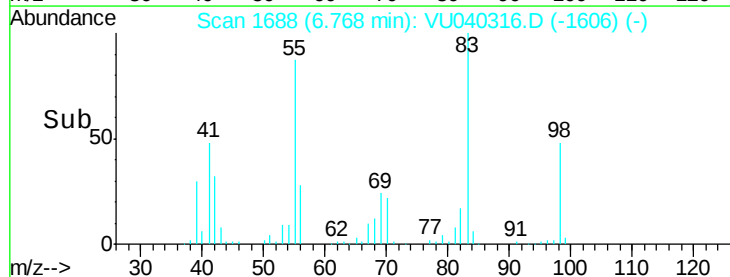
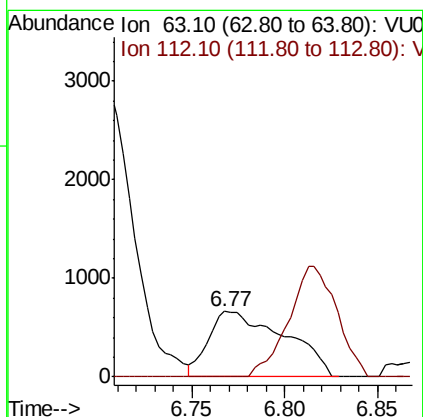
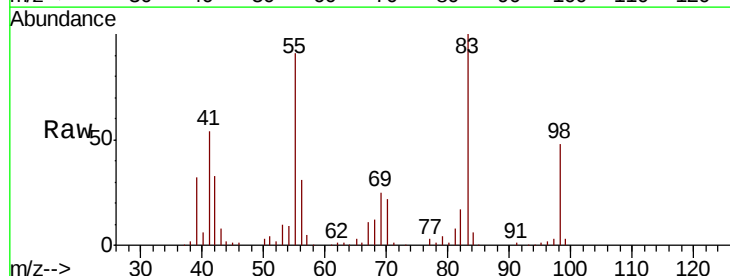
Instrument :
MSVOA_U
ClientSampleId :
BG494

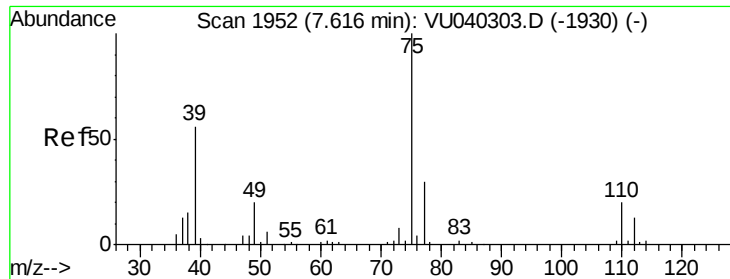
Tot Ion: 83 Resp: 100591
Ion Ratio Lower Upper
83 100
55 99.8 70.5 105.7
98 48.3 37.8 56.6



#37
1,2-Dichloropropane
Concen: 0.142 ug/L
RT: 6.77 min Scan# 1688
Delta R.T. -0.04 min
Lab File: VU040316.D
Acq: 25 Sep 2020 21:43

Tgt Ion: 63 Resp: 1902
Ion Ratio Lower Upper
63 100
112 107.0 3.2 4.8#





#39

cis-1,3-Dichloropropene

Concen: 0.075 ug/L

RT: 7.58 min Scan# 1941

Delta R.T. -0.04 min

Lab File: VU040316.D

Acq: 25 Sep 2020 21:43

Instrument :

MSVOA_U

ClientSampled :

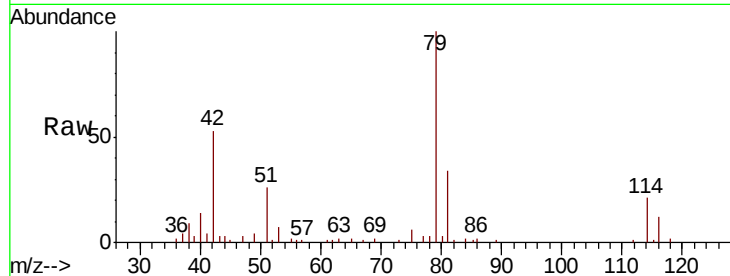
BG494

Tot Ion: 75 Resp: 1486

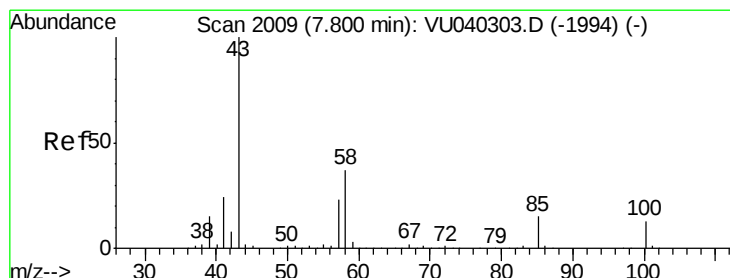
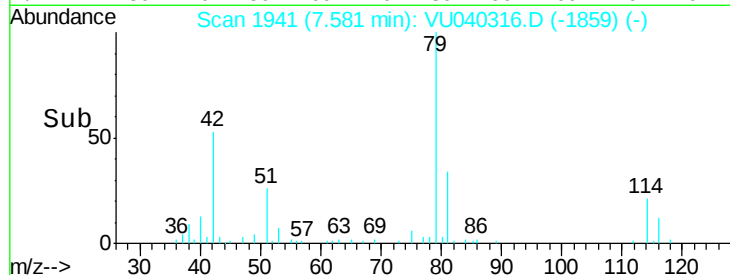
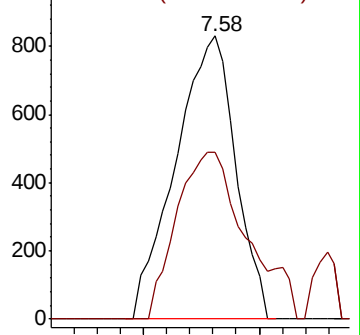
Ion Ratio Lower Upper

75 100

77 58.8 21.1 39.3#



Abundance Ion 75.05 (74.75 to 75.75): VU040316.D (-1859) (-)



#40

4-Methyl-2-pentanone

Concen: 18.178 ug/L

RT: 7.82 min Scan# 2014

Delta R.T. 0.02 min

Lab File: VU040316.D

Acq: 25 Sep 2020 21:43

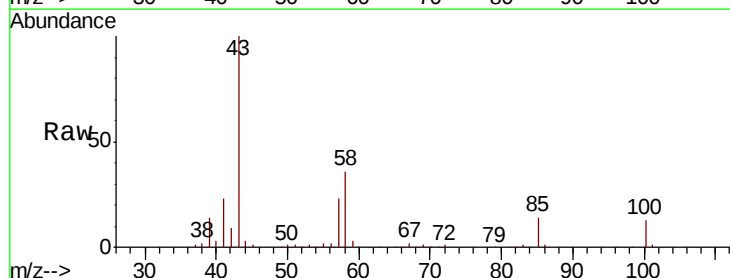
Tgt Ion: 43 Resp: 199415

Ion Ratio Lower Upper

43 100

58 36.7 28.7 43.1

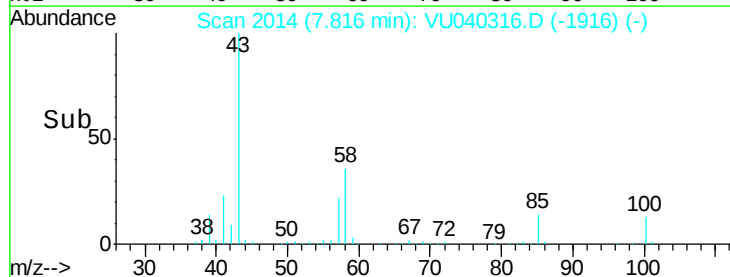
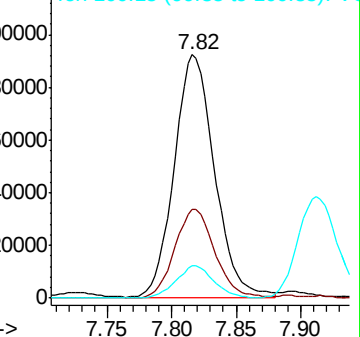
100 12.7 10.2 15.2

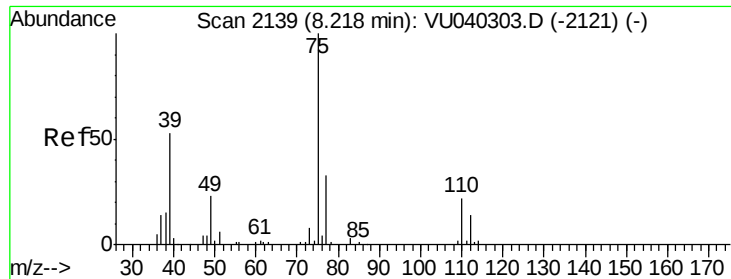


Abundance Ion 43.05 (42.75 to 43.75): VU040316.D (-1916) (-)

Ion 58.05 (57.75 to 58.75): VU040316.D (-1916) (-)

Ion 100.15 (99.85 to 100.85): VU040316.D (-1916) (-)





#44

trans-1,3-Dichloropropene

Concen: 42.209 ug/L

RT: 8.01 min Scan# 2074

Delta R.T. -0.21 min

Lab File: VU040316.D

Acq: 25 Sep 2020 21:43

Instrument :

MSVOA_U

ClientSampleId :

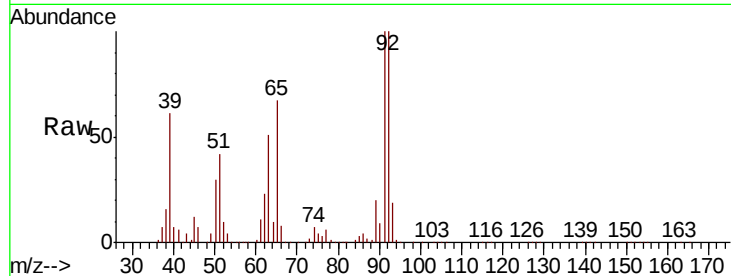
BG494

Tot Ion: 75 Resp: 771199

Ion Ratio Lower Upper

75 100

77 157.5 23.9 44.3#



Abundance Ion 75.05 (74.75 to 75.75): VU040316.D (-2046) (-)

Ion 77.05 (76.75 to 77.75): VU040316.D (-2046) (-)

600000

500000

400000

300000

200000

100000

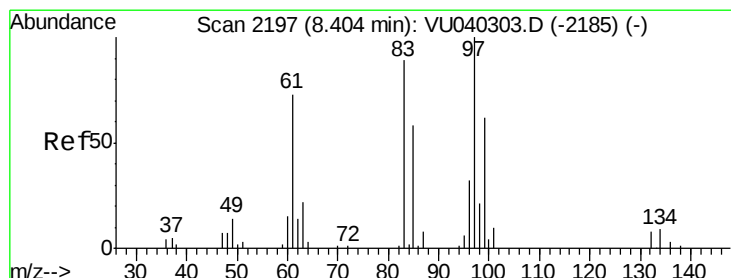
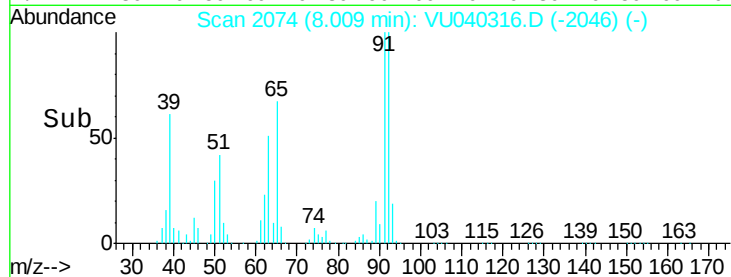
0

7.90

8.01

8.10

Time-->



#45

1,1,2-Trichloroethane

Concen: 0.338 ug/L

RT: 8.38 min Scan# 2189

Delta R.T. -0.03 min

Lab File: VU040316.D

Acq: 25 Sep 2020 21:43

Tgt Ion: 97 Resp: 3295

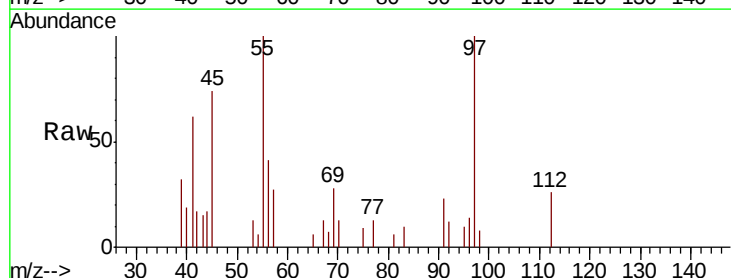
Ion Ratio Lower Upper

97 100

99 0.0 43.0 79.8#

83 9.8 61.7 114.7#

85 0.0 39.3 73.1#



Abundance Ion 96.95 (96.65 to 97.65): VU040316.D (-2104) (-)

Ion 99.05 (98.75 to 99.75): VU040316.D (-2104) (-)

Ion 82.95 (82.65 to 83.65): VU040316.D (-2104) (-)

Ion 85.00 (84.70 to 85.70): VU040316.D (-2104) (-)

2500

2000

1500

1000

500

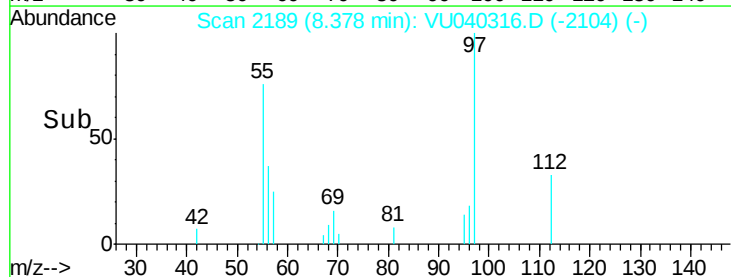
0

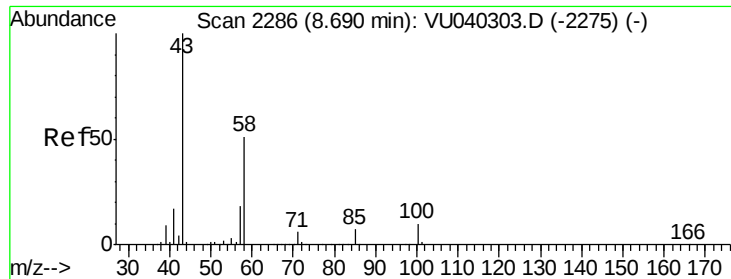
8.30

8.35

8.40

Time-->

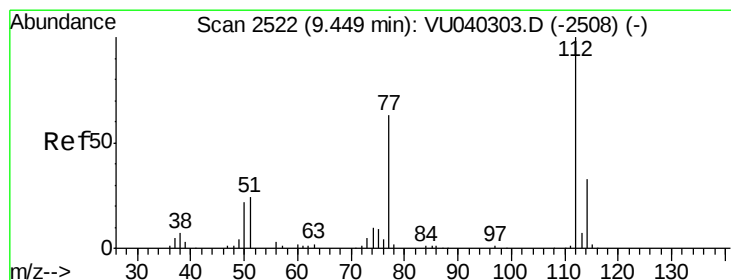
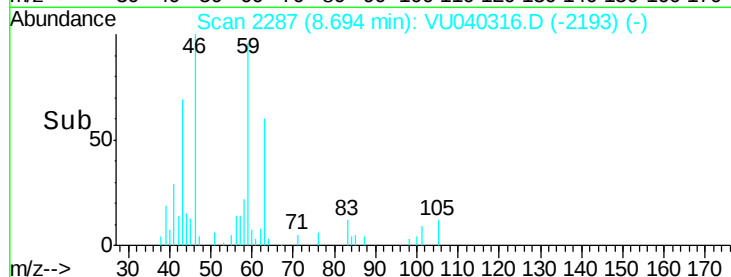
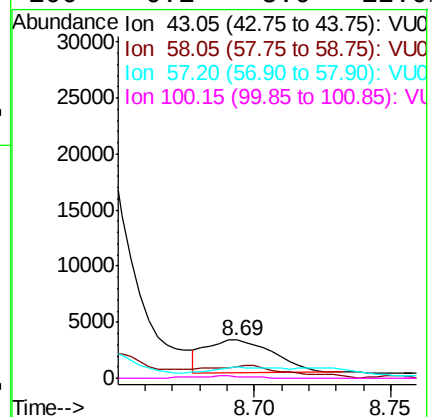
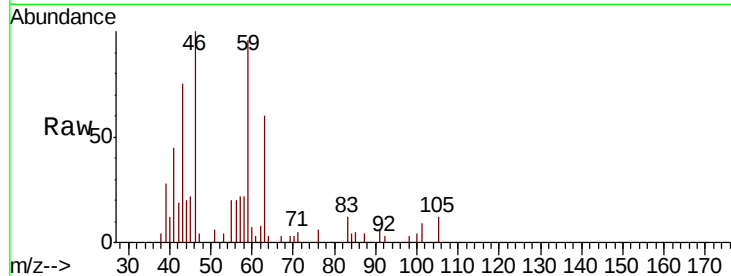




#48
2-Hexanone
Concen: 0.634 ug/L
RT: 8.69 min Scan# 2287
Delta R.T. 0.00 min
Lab File: VU040316.D
Acq: 25 Sep 2020 21:43

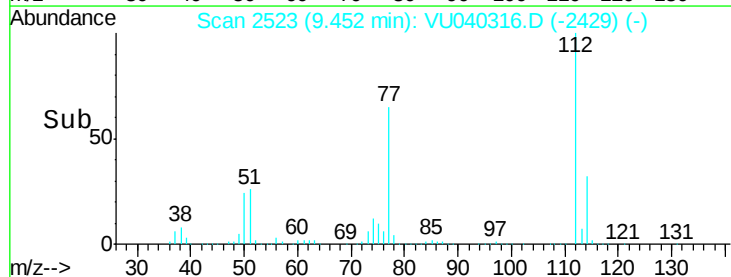
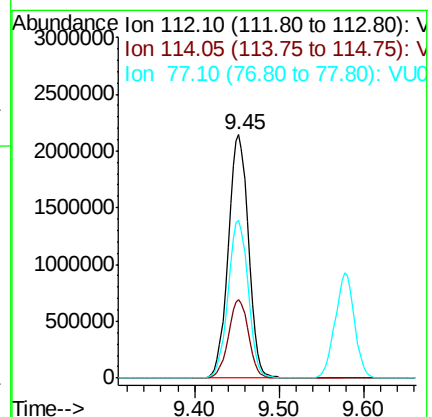
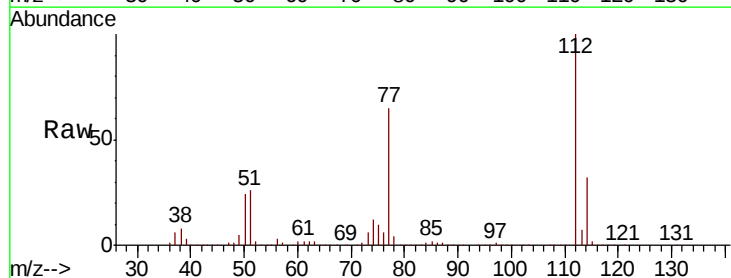
Instrument :
MSVOA_U
ClientSampleId :
BG494

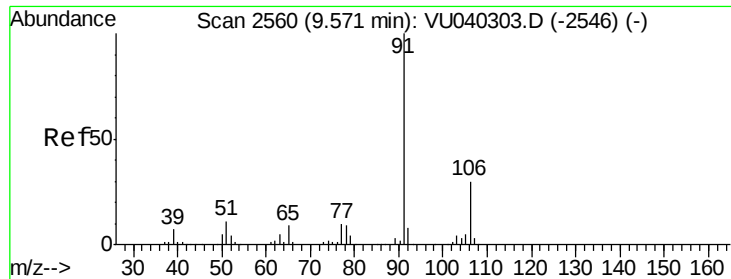
Tot Ion: 43 Resp: 5073
Ion Ratio Lower Upper
43 100
58 47.4 39.6 59.4
57 14.7 14.3 21.5
100 6.1 8.0 12.0#



#51
Chlorobenzene
Concen: 112.580 ug/L
RT: 9.45 min Scan# 2523
Delta R.T. 0.00 min
Lab File: VU040316.D
Acq: 25 Sep 2020 21:43

Tgt Ion: 112 Resp: 3554266
Ion Ratio Lower Upper
112 100
114 32.2 22.7 42.3
77 65.0 53.2 79.8





#52

Ethylbenzene

Concen: 260.510 ug/L

RT: 9.57 min Scan# 2561

Delta R.T. 0.00 min

Lab File: VU040316.D

Acq: 25 Sep 2020 21:43

Instrument :

MSVOA_U

ClientSampled :

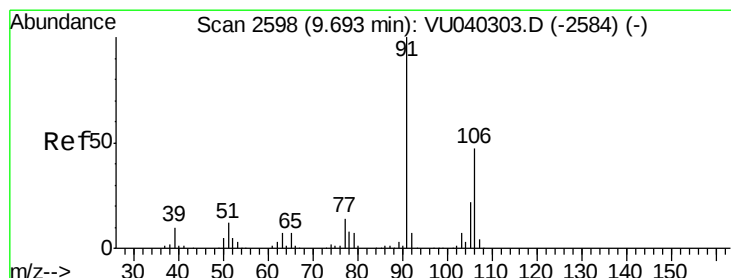
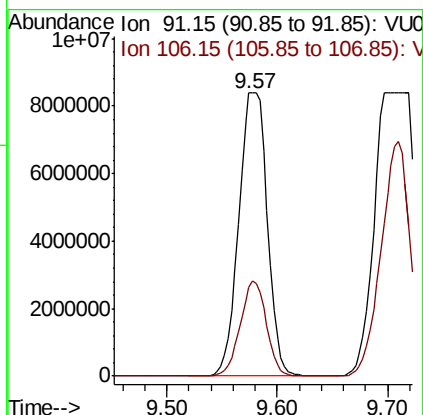
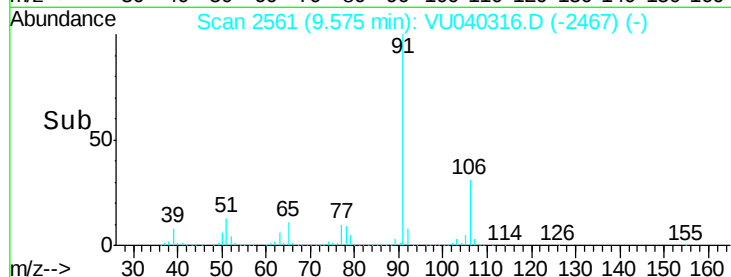
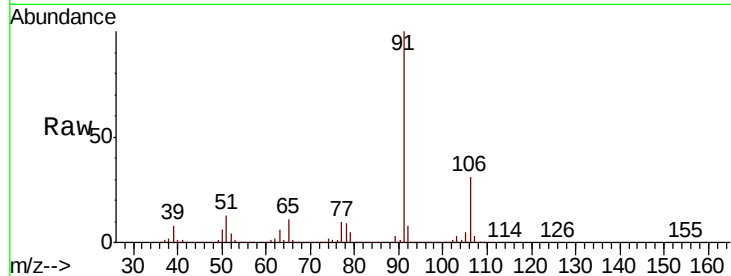
BG494

Tot Ion: 91 Resp:15051360

Ion Ratio Lower Upper

91 100

106 31.2 21.0 39.0



#53

m,p-Xylene

Concen: 613.360 ug/L

RT: 9.71 min Scan# 2603

Delta R.T. 0.02 min

Lab File: VU040316.D

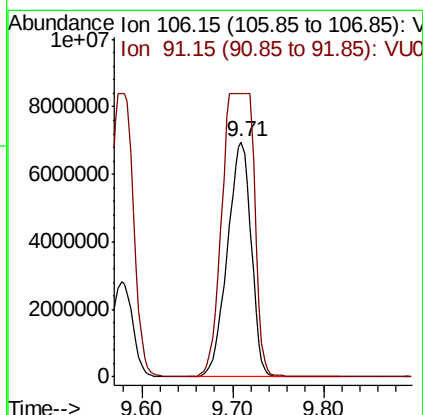
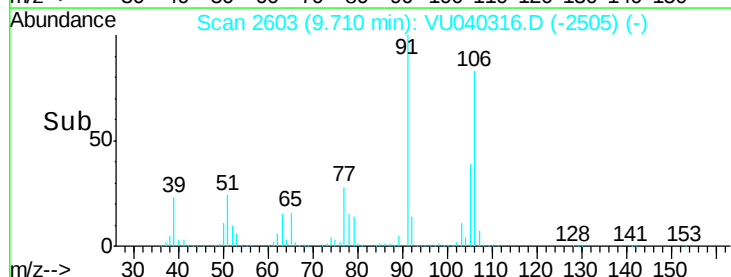
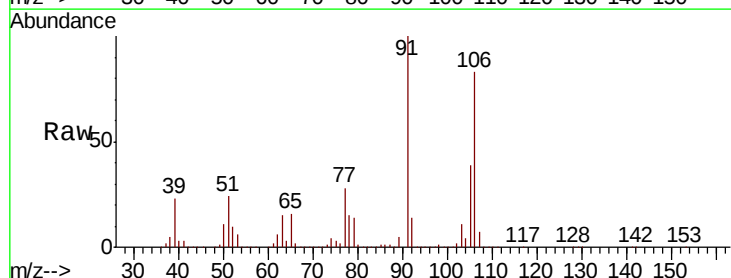
Acq: 25 Sep 2020 21:43

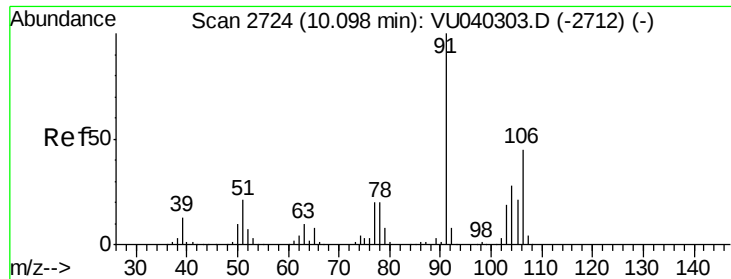
Tgt Ion:106 Resp:12617176

Ion Ratio Lower Upper

106 100

91 120.5 151.7 281.7#

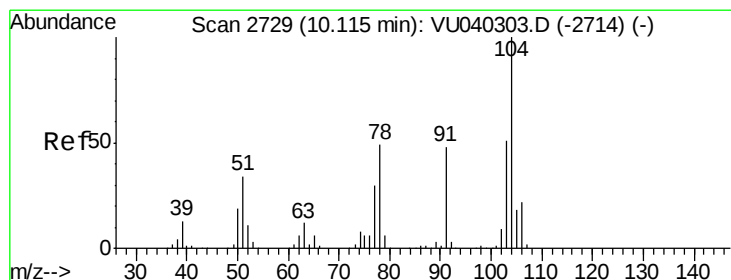
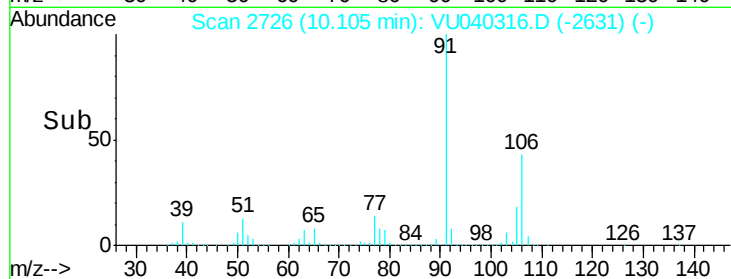
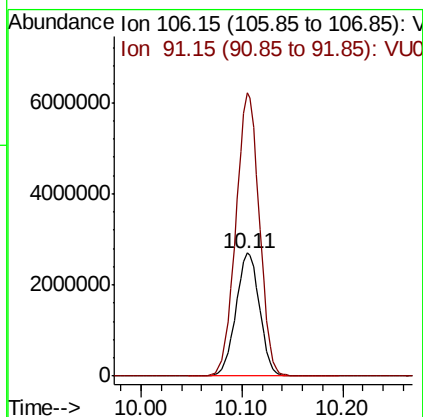
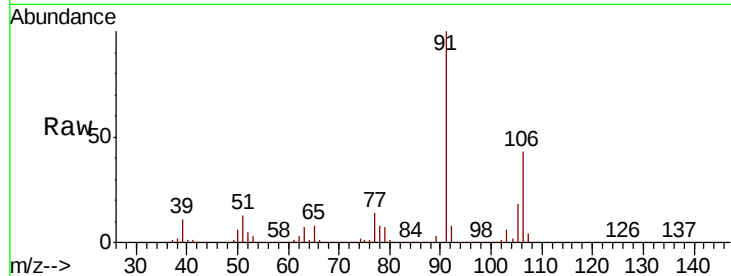




#54
o-Xylene
Concen: 223.586 ug/L
RT: 10.11 min Scan# 2726
Delta R.T. 0.01 min
Lab File: VU040316.D
Acq: 25 Sep 2020 21:43

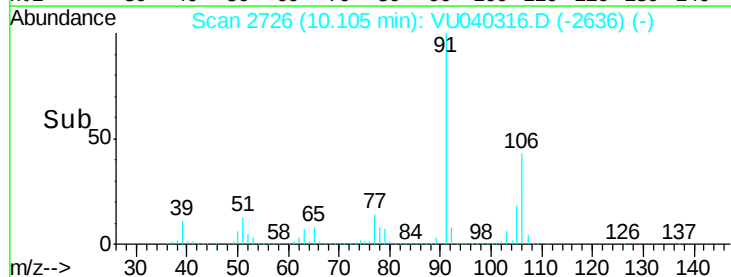
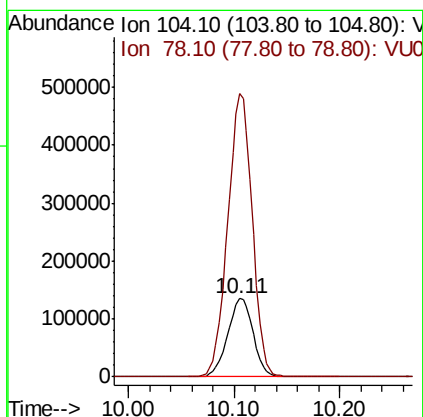
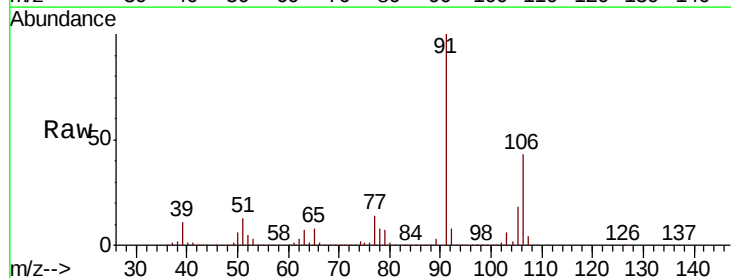
Instrument :
MSVOA_U
ClientSampleId :
BG494

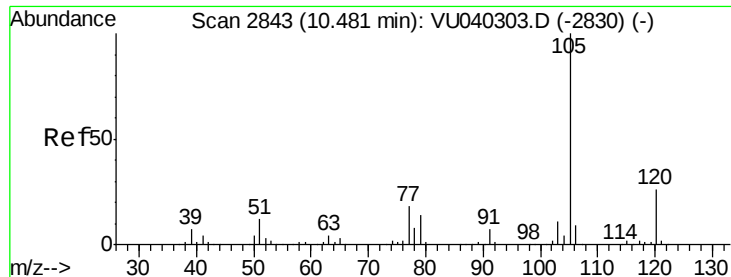
Tot Ion:106 Resp: 4382815
Ion Ratio Lower Upper
106 100
91 229.9 160.8 298.6



#55
Styrene
Concen: 6.585 ug/L
RT: 10.11 min Scan# 2726
Delta R.T. -0.01 min
Lab File: VU040316.D
Acq: 25 Sep 2020 21:43

Tgt Ion:104 Resp: 224460
Ion Ratio Lower Upper
104 100
78 360.7 36.8 68.3#





#56

Isopropylbenzene

Concen: 17.834 ug/L

RT: 10.48 min Scan# 2844

Delta R.T. 0.00 min

Lab File: VU040316.D

Acq: 25 Sep 2020 21:43

Instrument :

MSVOA_U

ClientSampled :

BG494

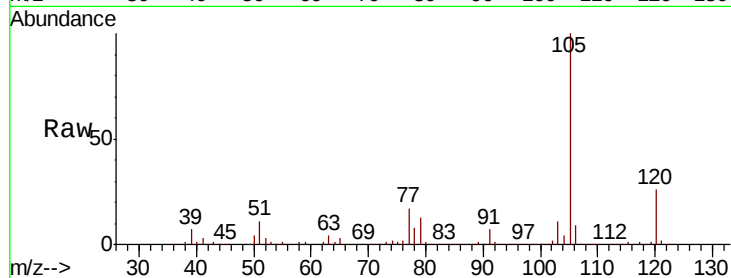
Tot Ion:105 Resp: 953406

Ion Ratio Lower Upper

105 100

120 25.8 20.1 30.1

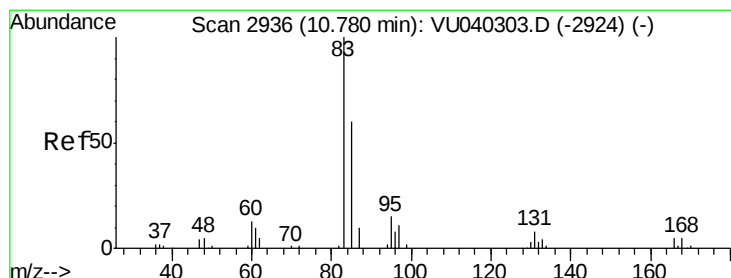
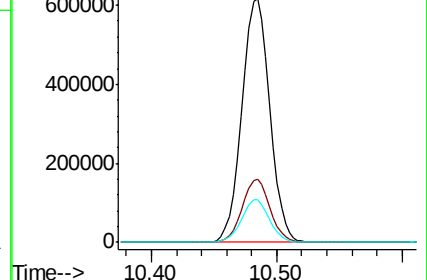
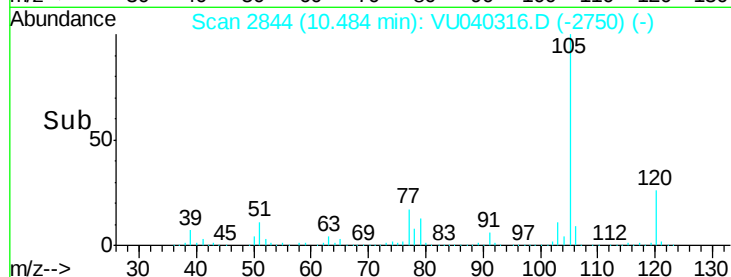
77 17.3 14.4 21.6



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): V



#58

1,1,2,2-Tetrachloroethane

Concen: 0.147 ug/L

RT: 10.80 min Scan# 2941

Delta R.T. 0.02 min

Lab File: VU040316.D

Acq: 25 Sep 2020 21:43

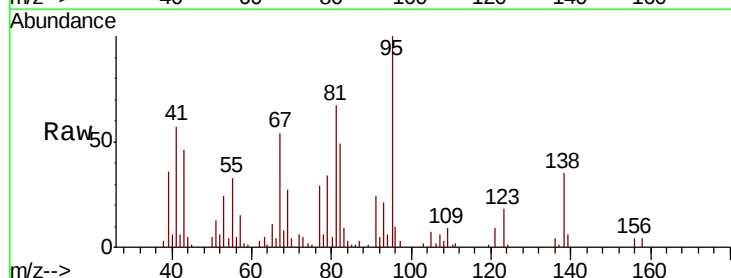
Tgt Ion: 83 Resp: 1835

Ion Ratio Lower Upper

83 100

85 15.1 44.9 83.3#

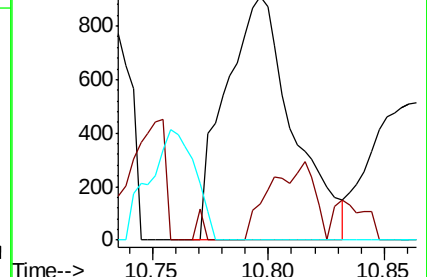
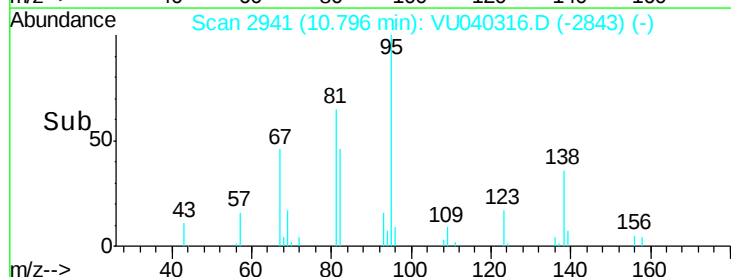
131 0.0 7.4 11.0#

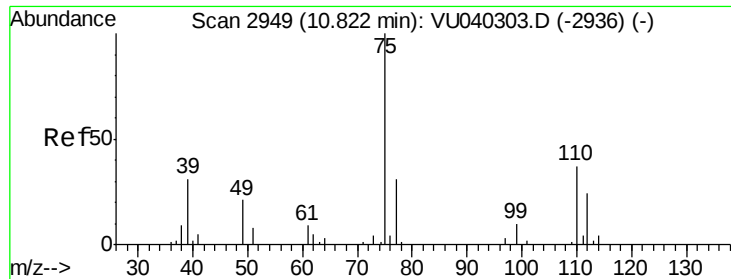


Abundance Ion 82.95 (82.65 to 83.65): V

Ion 85.00 (84.70 to 85.70): V

Ion 130.95 (130.65 to 131.65): V

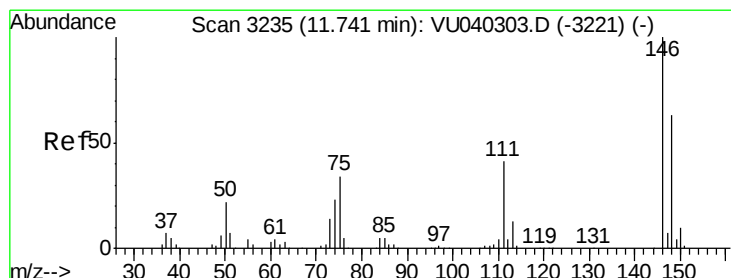
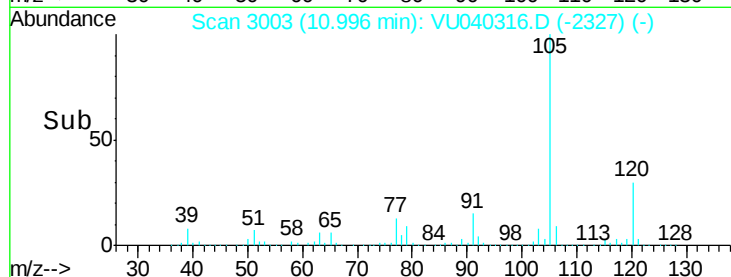
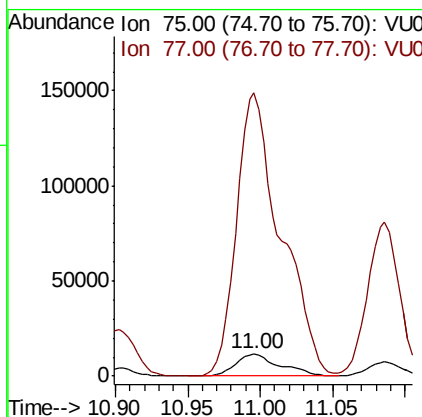
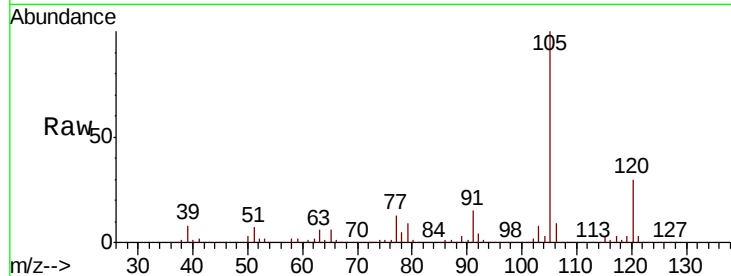




#59
 1,2,3-Trichloropropane
 Concen: 2.530 ug/L
 RT: 11.00 min Scan# 3003
 Delta R.T. 0.17 min
 Lab File: VU040316.D
 Acq: 25 Sep 2020 21:43

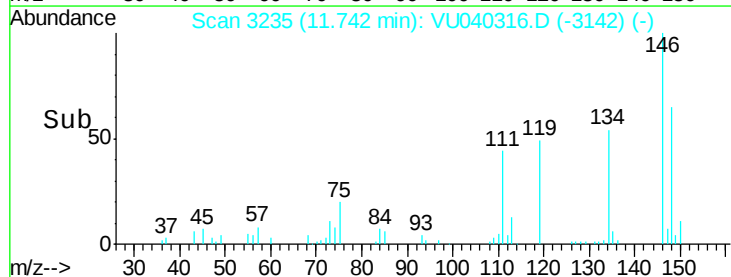
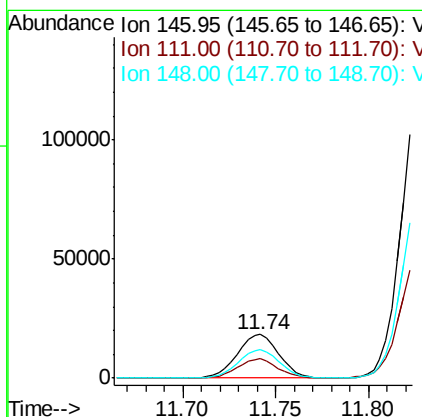
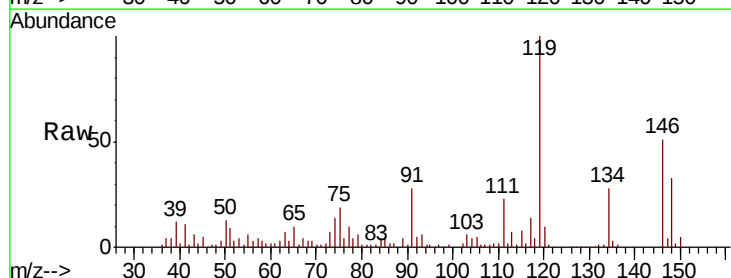
Instrument :
 MSVOA_U
 ClientSampleId :
 BG494

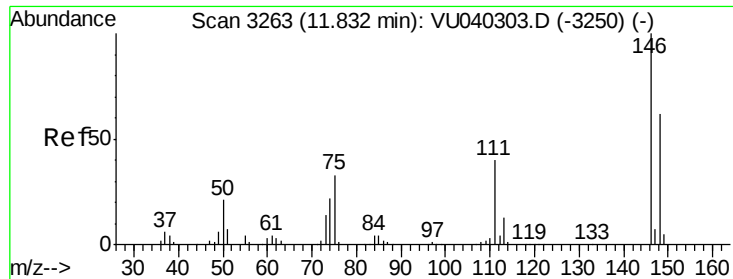
Tot Ion: 75 Resp: 25060
 Ion Ratio Lower Upper
 75 100
 77 1254.2 24.9 37.3#



#62
 1,3-Dichlorobenzene
 Concen: 1.083 ug/L
 RT: 11.74 min Scan# 3235
 Delta R.T. 0.00 min
 Lab File: VU040316.D
 Acq: 25 Sep 2020 21:43

Tgt Ion: 146 Resp: 28339
 Ion Ratio Lower Upper
 146 100
 111 44.5 31.6 58.8
 148 64.8 44.2 82.0





#63

1,4-Dichlorobenzene

Concen: 8.654 ug/L

RT: 11.83 min Scan# 3263

Delta R.T. 0.00 min

Lab File: VU040316.D

Acq: 25 Sep 2020 21:43

Instrument :

MSVOA_U

ClientSampleId :

BG494

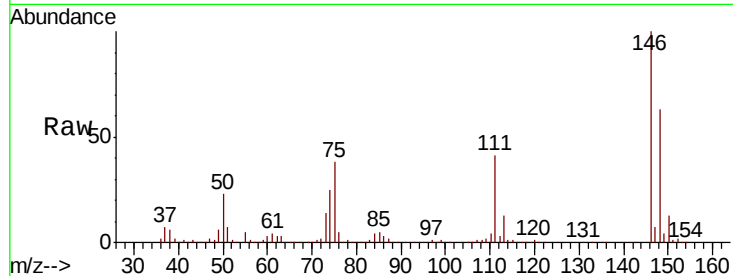
Tot Ion:146 Resp: 229239

Ion Ratio Lower Upper

146 100

111 41.4 30.5 56.7

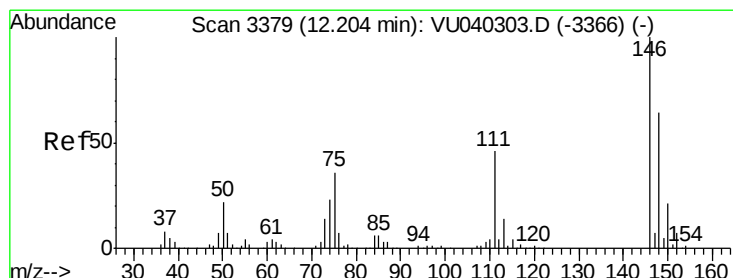
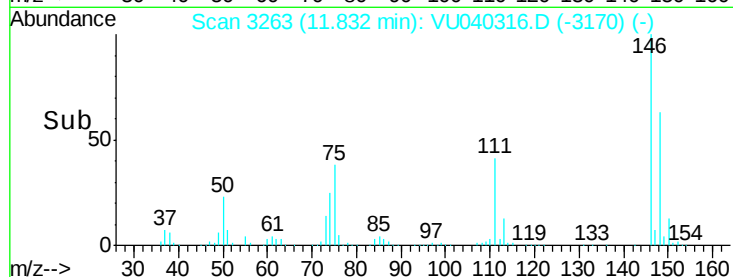
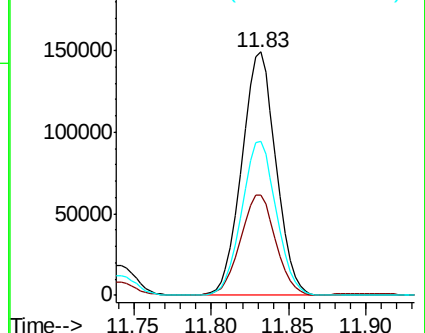
148 63.5 45.4 84.4



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: 11.700 ug/L

RT: 12.20 min Scan# 3379

Delta R.T. 0.00 min

Lab File: VU040316.D

Acq: 25 Sep 2020 21:43

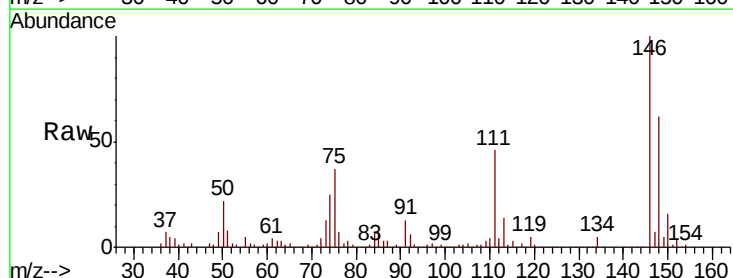
Tgt Ion:146 Resp: 296365

Ion Ratio Lower Upper

146 100

111 45.8 36.5 54.7

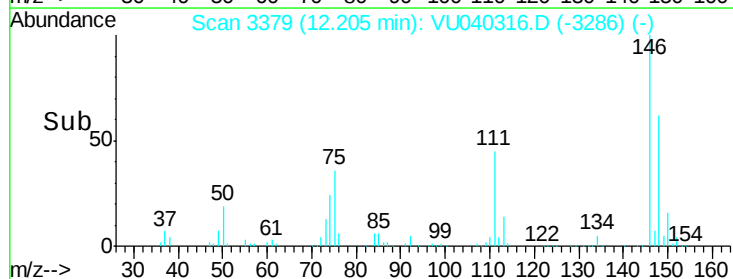
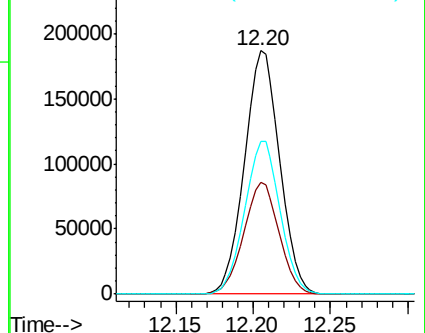
148 62.5 48.6 72.8

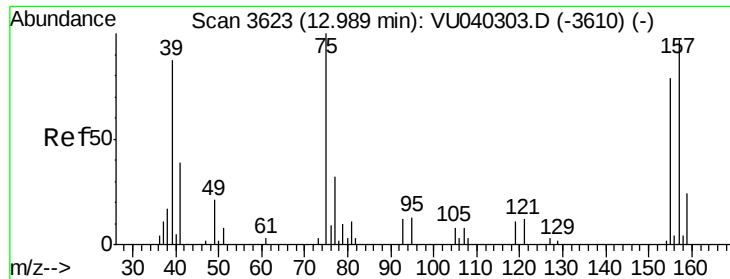


Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

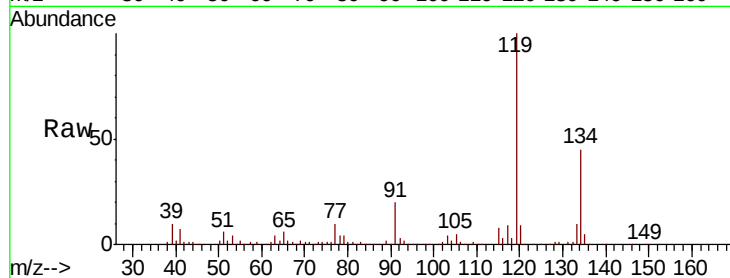




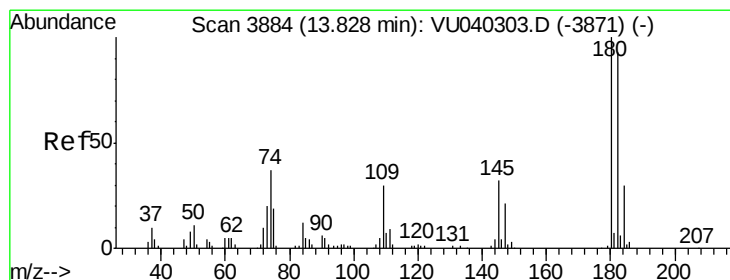
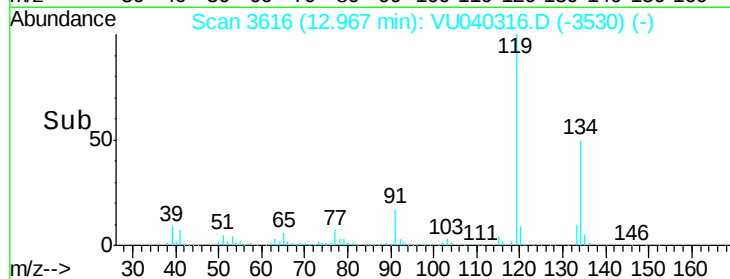
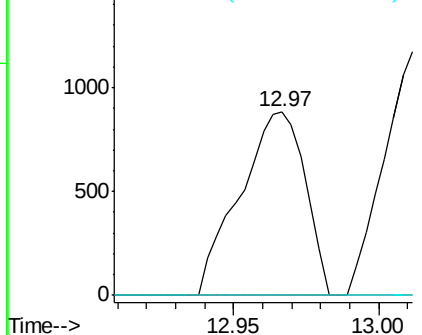
#66
 1,2-Dibromo-3-chloropropane
 Concen: 0.509 ug/L
 RT: 12.97 min Scan# 3616
 Delta R.T. -0.02 min
 Lab File: VU040316.D
 Acq: 25 Sep 2020 21:43

Instrument :
 MSVOA_U
 ClientSampled :
 BG494

Tot Ion: 75 Resp: 1378
 Ion Ratio Lower Upper
 75 100
 155 0.0 54.6 82.0#
 157 0.0 75.6 113.4#

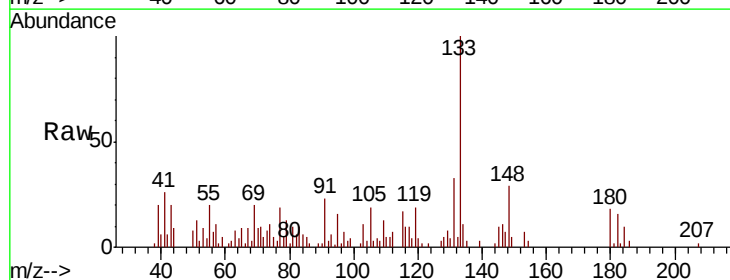


Abundance Ion 75.05 (74.75 to 75.75): VU040316.D (-3530) (-)
 Ion 154.95 (154.65 to 155.65): VU040316.D (-3530) (-)
 Ion 156.90 (156.60 to 157.60): VU040316.D (-3530) (-)

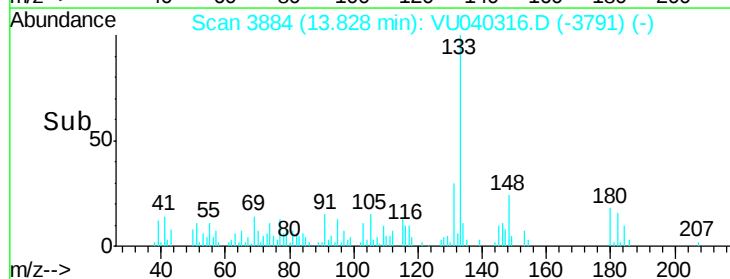
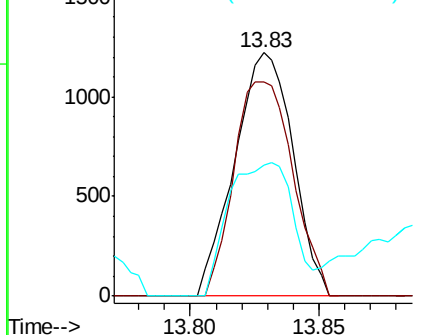


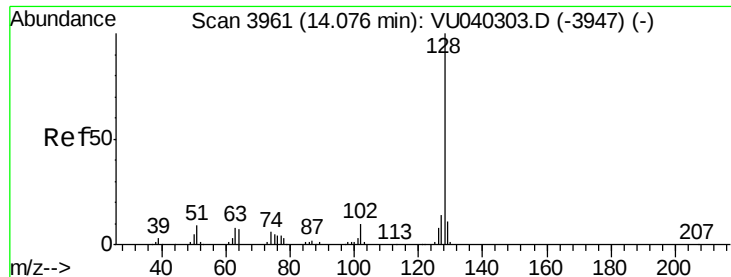
#68
 1,2,4-trichlorobenzene
 Concen: 0.121 ug/L
 RT: 13.83 min Scan# 3884
 Delta R.T. 0.00 min
 Lab File: VU040316.D
 Acq: 25 Sep 2020 21:43

Tgt Ion: 180 Resp: 1924
 Ion Ratio Lower Upper
 180 100
 182 89.3 76.0 114.0
 145 60.9 28.4 42.6#



Abundance Ion 179.90 (179.60 to 180.60): VU040316.D (-3791) (-)
 Ion 182.00 (181.70 to 182.70): VU040316.D (-3791) (-)
 Ion 144.95 (144.65 to 145.65): VU040316.D (-3791) (-)





#69

Naphthalene

Concen: 9.140 ug/L

RT: 14.07 min Scan# 3960

Delta R.T. -0.00 min

Lab File: VU040316.D

Acq: 25 Sep 2020 21:43

Instrument :

MSVOA_U

ClientSampleId :

BG494

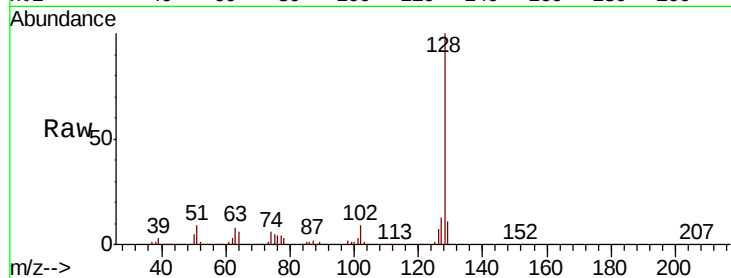
Tot Ion:128 Resp: 302053

Ion Ratio Lower Upper

128 100

129 11.2 8.7 13.1

127 12.8 10.7 16.1



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

