

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111620\
 Data File : VU041254.D
 Acq On : 16 Nov 2020 17:40
 Operator : SY/MD
 Sample : L4740-05MSD
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB110MSD

Quant Time: Nov 17 09:28:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Nov 16 12:08:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	66246	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	63845	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	23094	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	25201	5.17	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	103.40%
7) Chloroethane-d5	1.92	69	22117	5.31	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.20%
11) 1,1-Dichloroethene-d2	2.58	63	47996	4.77	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.40%
20) 2-Butanone-d5	4.66	46	98519	49.03	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.06%
24) Chloroform-d	5.08	84	49648	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.20%
26) 1,2-Dichloroethane-d4	5.72	65	33652	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.80%
32) Benzene-d6	5.74	84	93616	5.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.80%
36) 1,2-Dichloropropane-d6	6.70	67	32807	5.53	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	110.60%
41) Toluene-d8	7.90	98	66914	4.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.60%
43) trans-1,3-Dichloropropene-	8.19	79	10556	4.13	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.60%
46) 2-Hexanone-d5	8.64	63	66644	48.88	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.76%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	25079	4.36	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	21745	4.83	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.60%

Target Compounds

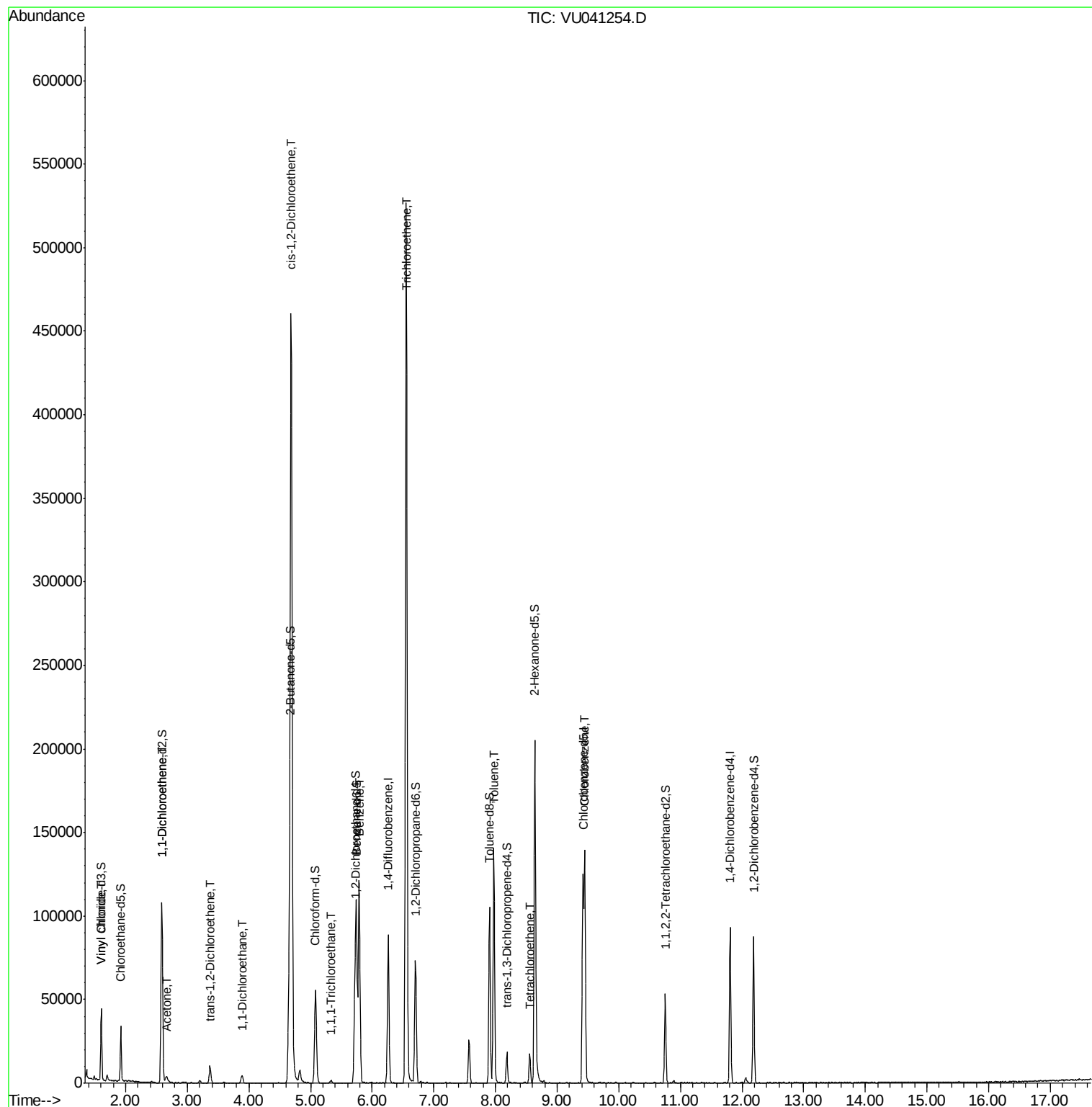
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.61	62	3221	0.560	ug/L	84
12) 1,1-Dichloroethene	2.59	96	23326	5.409	ug/L	94
13) Acetone	2.66	43	8254	6.193	ug/L	68
18) trans-1,2-Dichloroethene	3.37	96	4167	0.992	ug/L	97
19) 1,1-Dichloroethane	3.89	63	6089	0.648	ug/L	94
22) cis-1,2-Dichloroethene	4.69	96	211873	44.668	ug/L	97
29) 1,1,1-Trichloroethane	5.34	97	1366	0.175	ug/L	94
33) Benzene	5.79	78	108521	6.272	ug/L	100
34) Trichloroethene	6.55	95	176381	37.720	ug/L	99
42) Toluene	7.98	91	96682	5.229	ug/L	99
47) Tetrachloroethene	8.56	164	3297	0.954	ug/L	90
51) Chlorobenzene	9.45	112	67957	5.549	ug/L	98

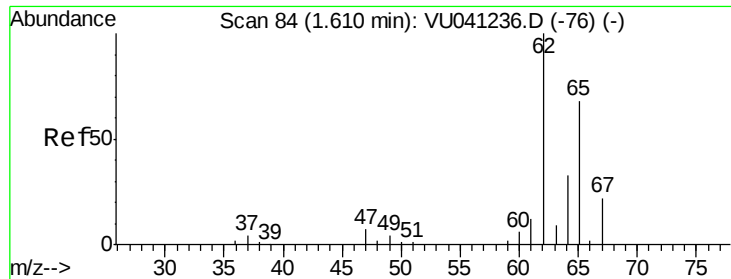
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU111620\
Data File : VU041254.D
Acq On : 16 Nov 2020 17:40
Operator : SY/MD
Sample : L4740-05MSD
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GB110MSD

Quant Time: Nov 17 09:28:15 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Nov 16 12:08:29 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.560 ug/L

RT: 1.61 min Scan# 84

Delta R.T. 0.00 min

Lab File: VU041254.D

Acq: 16 Nov 2020 17:40

Instrument :

MSVOA_U

ClientSampled :

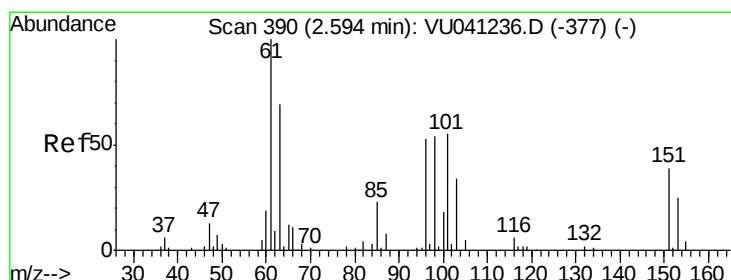
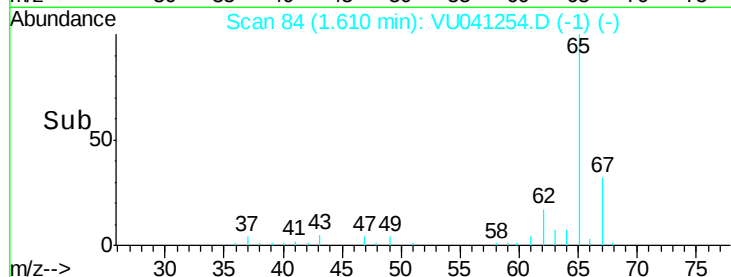
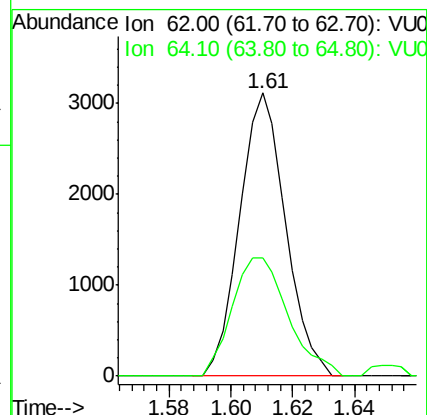
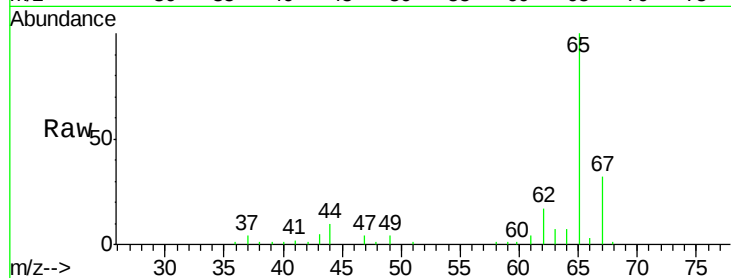
GB110MSD

Tot Ion: 62 Resp: 3221

Ion Ratio Lower Upper

62 100

64 41.7 22.7 42.3



#12

1,1-Dichloroethene

Concen: 5.409 ug/L

RT: 2.59 min Scan# 390

Delta R.T. 0.00 min

Lab File: VU041254.D

Acq: 16 Nov 2020 17:40

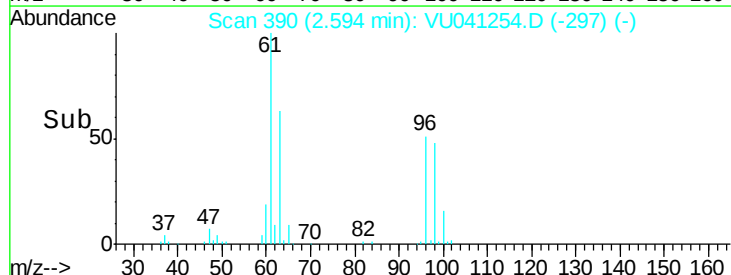
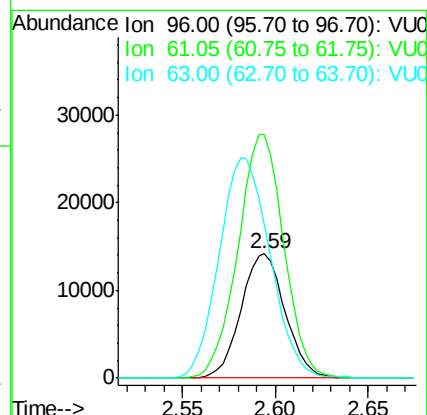
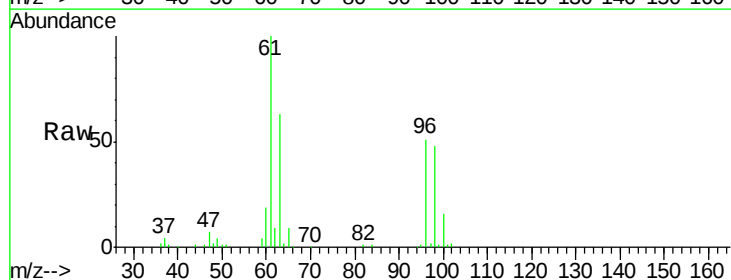
Tgt Ion: 96 Resp: 23326

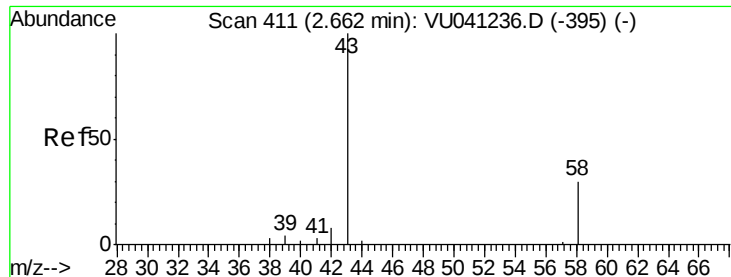
Ion Ratio Lower Upper

96 100

61 195.9 134.3 249.5

63 123.7 95.0 176.4





#13

Acetone

Concen: 6.193 ug/L

RT: 2.66 min Scan# 412

Delta R.T. 0.00 min

Lab File: VU041254.D

Acq: 16 Nov 2020 17:40

Instrument :

MSVOA_U

ClientSampleId :

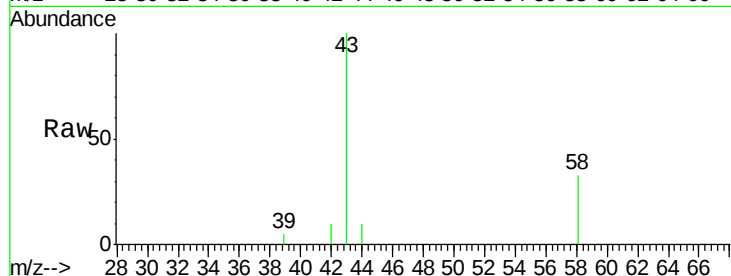
GB110MSD

Tot Ion: 43 Resp: 8254

Ion Ratio Lower Upper

43 100

58 25.3 0.0 25.4



Abundance Ion 43.05 (42.75 to 43.75): VU041236.D (-395) (-)

Ion 58.05 (57.75 to 58.75): VU041236.D (-395) (-)

2.66

2.66

2.66

2.66

2.66

2.66

2.66

2.66

2.66

2.66

2.66

2.66

2.66

2.66

2.66

2.66

2.66

2.66

2.66

2.66

2.66

2.66

2.66

2.66

2.66

2.66

2.66

2.66

2.66

2.66

2.66

2.66

2.66

2.66

2.66

2.66

2.66

2.66

2.66

2.66

2.66

2.66

2.66

2.66

2.66

2.66

2.66

2.66

2.66

2.66

2.66

2.66

2.66

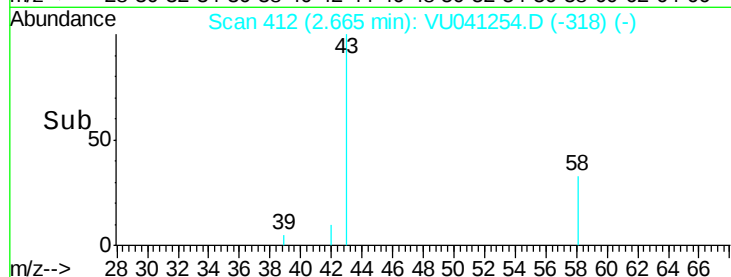
2.66

2.66

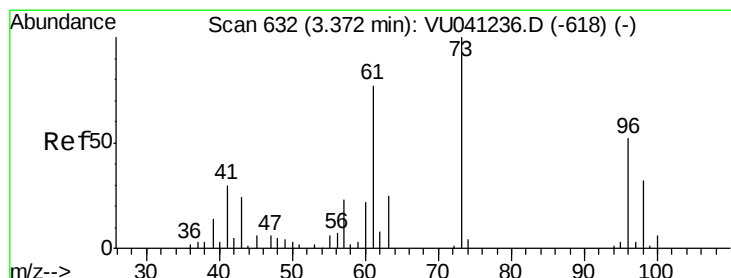
2.66

2.66

2.66



Time-->



#18

trans-1,2-Dichloroethene

Concen: 0.992 ug/L

RT: 3.37 min Scan# 632

Delta R.T. 0.00 min

Lab File: VU041254.D

Acq: 16 Nov 2020 17:40

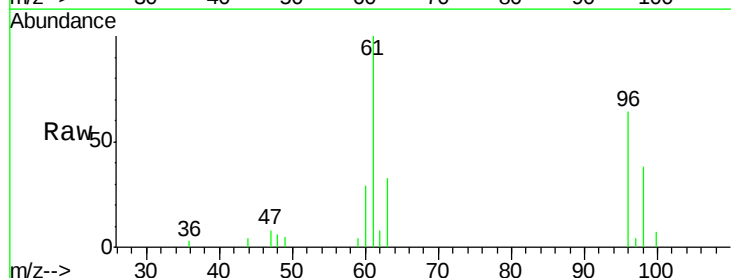
Tgt Ion: 96 Resp: 4167

Ion Ratio Lower Upper

96 100

61 155.8 110.9 205.9

98 60.0 45.4 84.2



Abundance Ion 96.00 (95.70 to 96.70): VU041236.D (-618) (-)

Ion 61.05 (60.75 to 61.75): VU041236.D (-618) (-)

Ion 97.95 (97.65 to 98.65): VU041236.D (-618) (-)

3.37

3.37

3.37

3.37

3.37

3.37

3.37

3.37

3.37

3.37

3.37

3.37

3.37

3.37

3.37

3.37

3.37

3.37

3.37

3.37

3.37

3.37

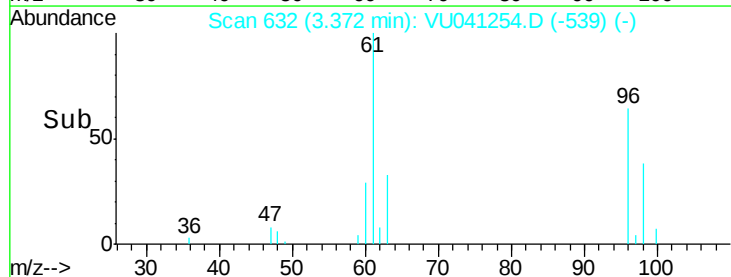
3.37

3.37

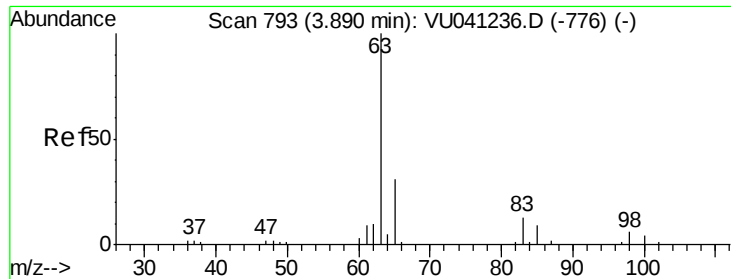
3.37

3.37

3.37



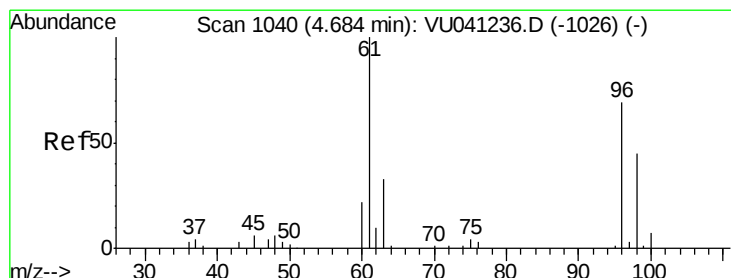
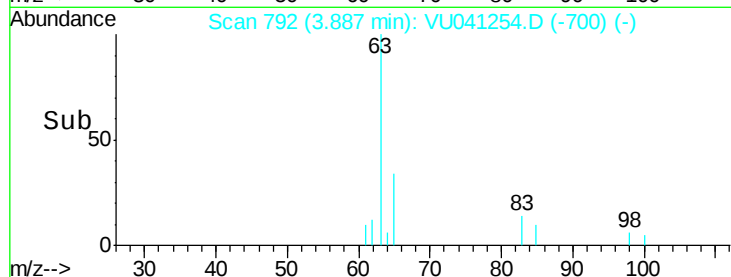
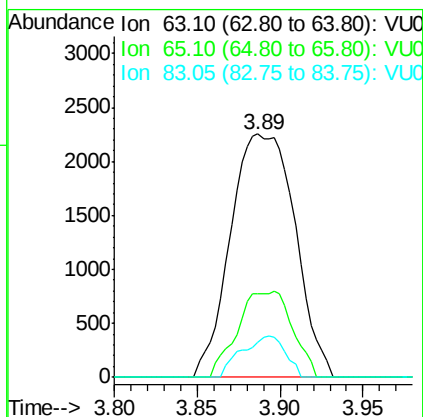
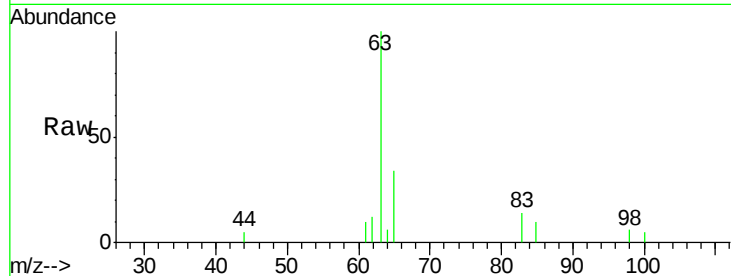
Time-->



#19
 1,1-Dichloroethane
 Concen: 0.648 ug/L
 RT: 3.89 min Scan# 792
 Delta R.T. -0.00 min
 Lab File: VU041254.D
 Acq: 16 Nov 2020 17:40

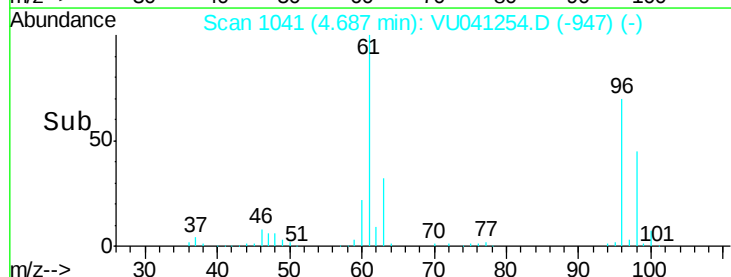
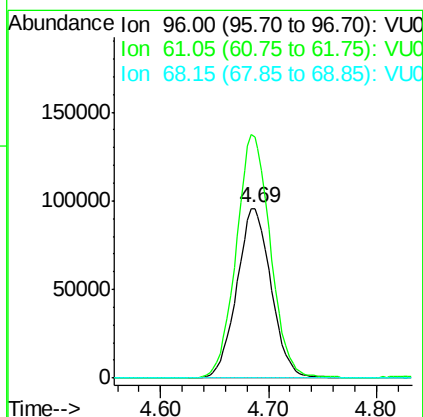
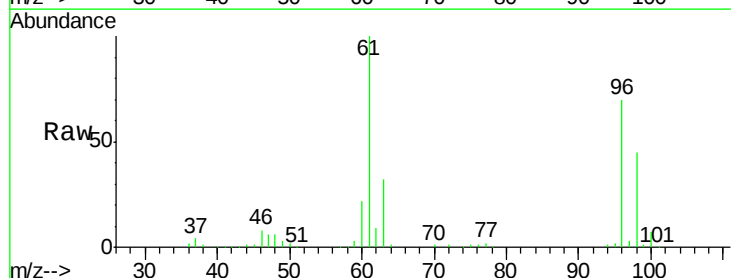
Instrument :
 MSVOA_U
 ClientSampleId :
 GB110MSD

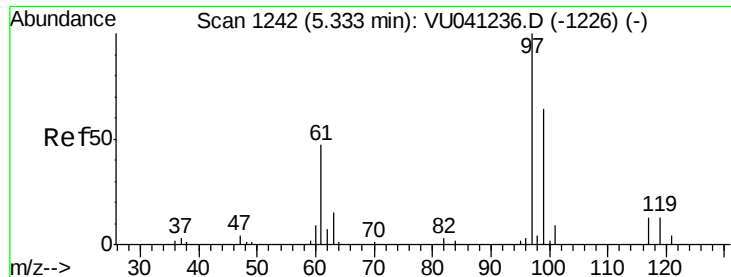
Tot Ion: 63 Resp: 6089
 Ion Ratio Lower Upper
 63 100
 65 34.3 21.3 39.6
 83 14.4 8.8 16.3



#22
 cis-1,2-Dichloroethene
 Concen: 44.668 ug/L
 RT: 4.69 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: VU041254.D
 Acq: 16 Nov 2020 17:40

Tgt Ion: 96 Resp: 211873
 Ion Ratio Lower Upper
 96 100
 61 142.5 97.2 180.4
 68 0.0 0.0 0.0

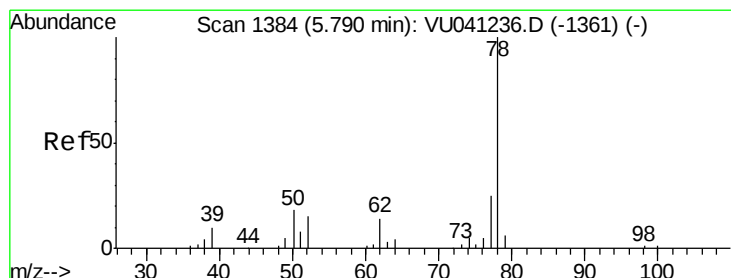
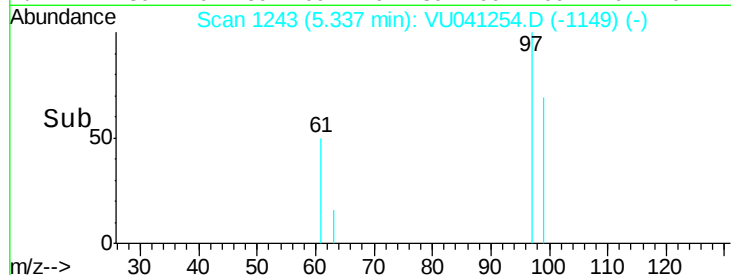
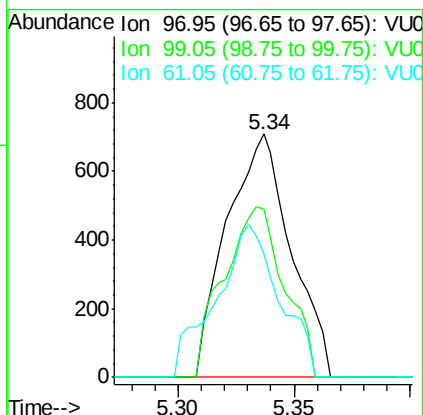
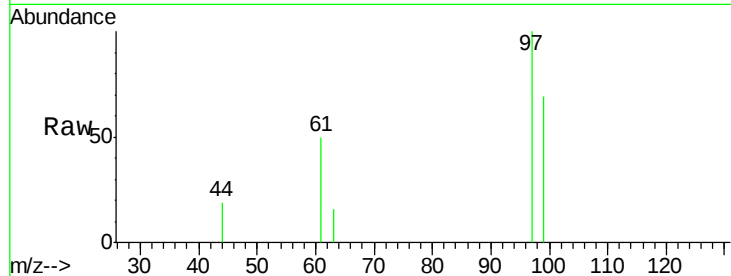




#29
 1,1,1-Trichloroethane
 Concen: 0.175 ug/L
 RT: 5.34 min Scan# 1243
 Delta R.T. 0.00 min
 Lab File: VU041254.D
 Acq: 16 Nov 2020 17:40

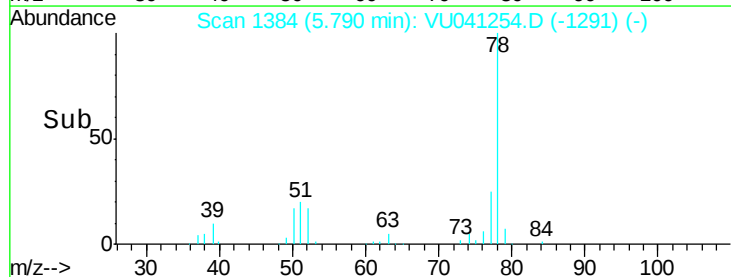
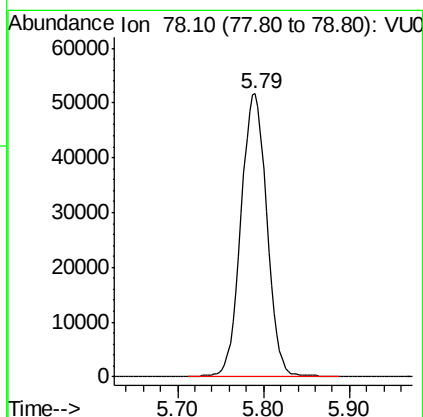
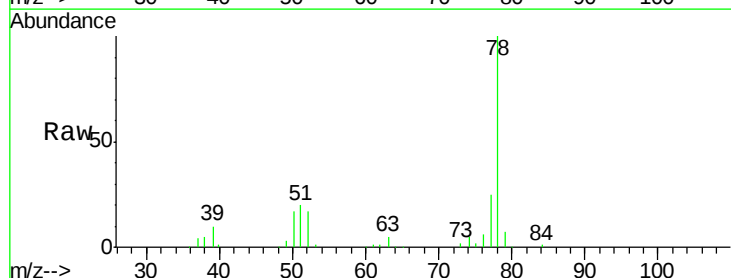
Instrument :
 MSVOA_U
 ClientSampleId :
 GB110MSD

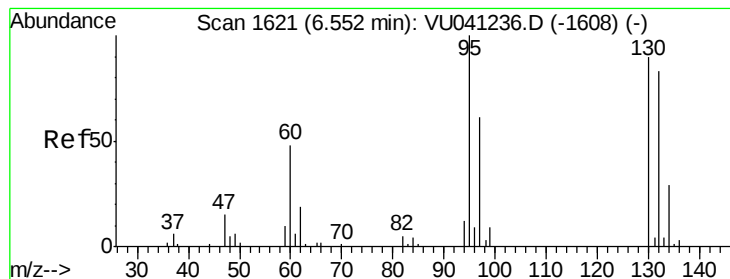
Tot Ion: 97 Resp: 1366
 Ion Ratio Lower Upper
 97 100
 99 66.5 53.4 80.0
 61 62.0 41.6 62.4



#33
 Benzene
 Concen: 6.272 ug/L
 RT: 5.79 min Scan# 1384
 Delta R.T. 0.00 min
 Lab File: VU041254.D
 Acq: 16 Nov 2020 17:40

Tgt Ion: 78 Resp: 108521





#34

Trichloroethene

Concen: 37.720 ug/L

RT: 6.55 min Scan# 1621

Delta R.T. 0.00 min

Lab File: VU041254.D

Acq: 16 Nov 2020 17:40

Instrument :

MSVOA_U

ClientSampleId :

GB110MSD

Tot Ion: 95 Resp: 176381

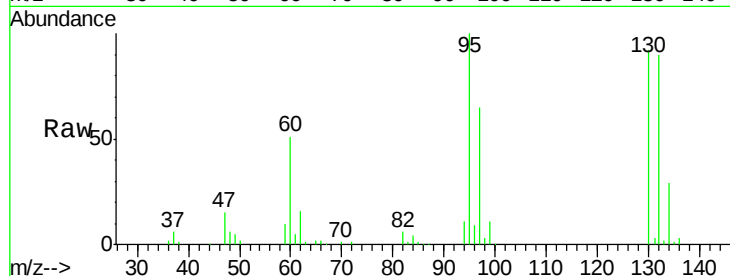
Ion Ratio Lower Upper

95 100

97 65.4 45.6 84.6

132 90.3 64.8 120.4

130 92.4 64.8 120.4

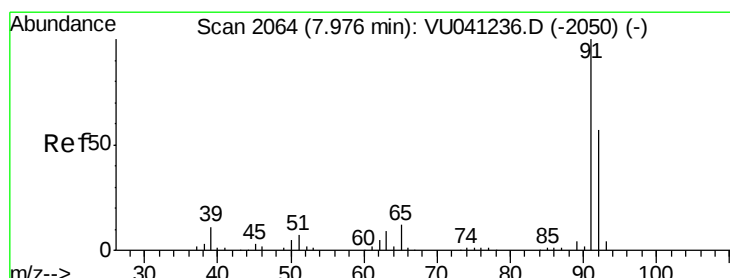
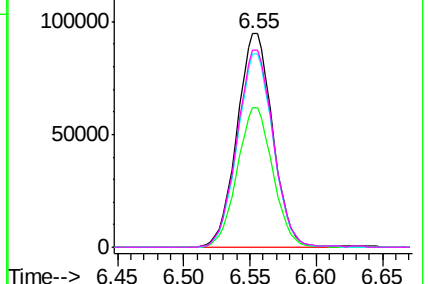
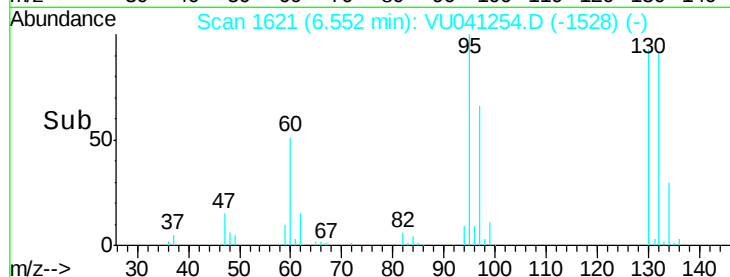


Abundance Ion 95.00 (94.70 to 95.70): VU041236.D (-1608) (-)

Ion 96.95 (96.65 to 97.65): VU041236.D (-1608) (-)

Ion 131.95 (131.65 to 132.65): VU041236.D (-1608) (-)

Ion 129.95 (129.65 to 130.65): VU041236.D (-1608) (-)



#42

Toluene

Concen: 5.229 ug/L

RT: 7.98 min Scan# 2064

Delta R.T. 0.00 min

Lab File: VU041254.D

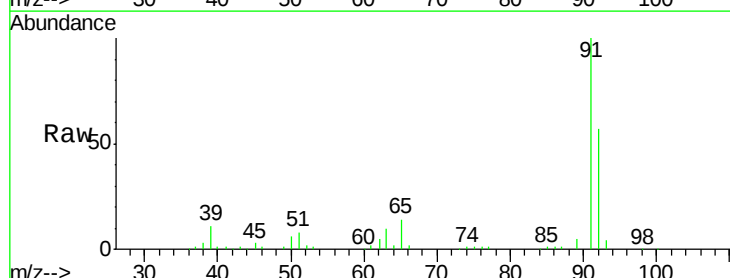
Acq: 16 Nov 2020 17:40

Tgt Ion: 91 Resp: 96682

Ion Ratio Lower Upper

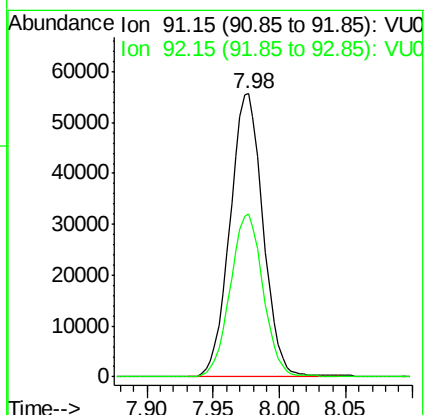
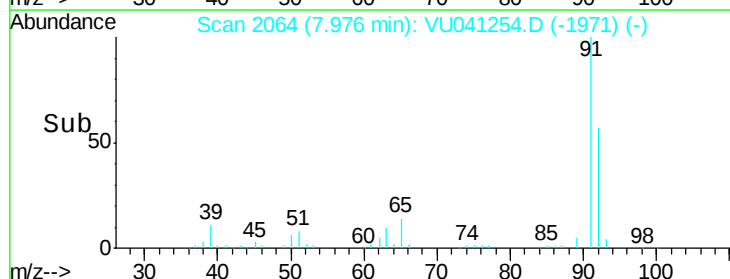
91 100

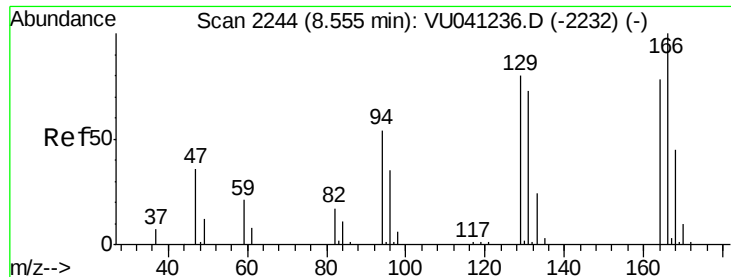
92 57.4 40.6 75.4



Abundance Ion 91.15 (90.85 to 91.85): VU041236.D (-2050) (-)

Ion 92.15 (91.85 to 92.85): VU041236.D (-2050) (-)

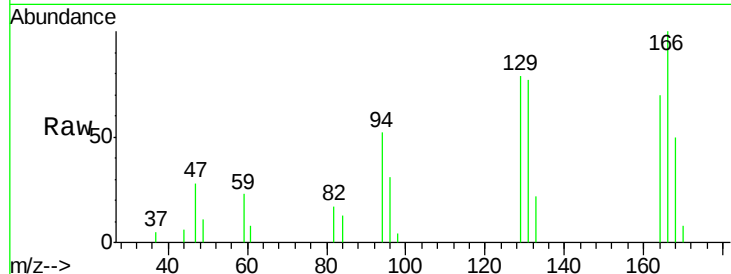




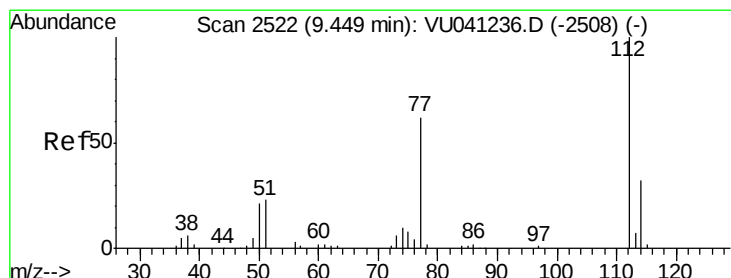
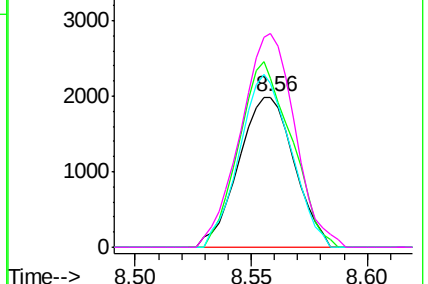
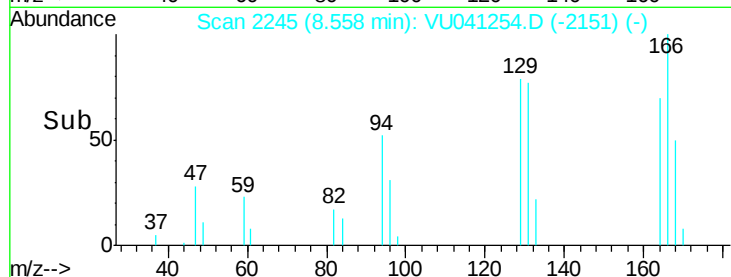
#47
Tetrachloroethene
Concen: 0.954 ug/L
RT: 8.56 min Scan# 2245
Delta R.T. 0.00 min
Lab File: VU041254.D
Acq: 16 Nov 2020 17:40

Instrument :
MSVOA_U
ClientSampleId :
GB110MSD

Tot Ion:164 Resp: 3297
Ion Ratio Lower Upper
164 100
129 112.4 70.3 130.7
131 109.0 70.8 131.4
166 142.1 92.0 170.8

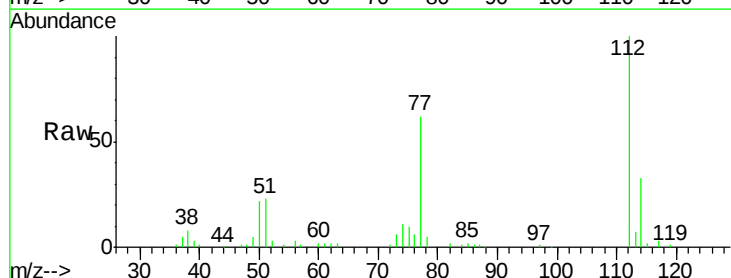


Abundance Ion 163.90 (163.60 to 164.60): V
Ion 128.95 (128.65 to 129.65): V
Ion 130.95 (130.65 to 131.65): V
Ion 165.90 (165.60 to 166.60): V



#51
Chlorobenzene
Concen: 5.549 ug/L
RT: 9.45 min Scan# 2522
Delta R.T. 0.00 min
Lab File: VU041254.D
Acq: 16 Nov 2020 17:40

Tgt Ion:112 Resp: 67957
Ion Ratio Lower Upper
112 100
114 32.6 22.4 41.6
77 62.0 51.2 76.8



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): V

