

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U103020\
 Data File : VU041036.D
 Acq On : 30 Oct 2020 11:43
 Operator : SY/MD
 Sample : L4558-02DL 10X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0BP5DL

Quant Time: Oct 31 00:01:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Oct 30 23:53:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	60556	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	62564	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	25818	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	13835	2.72	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	54.40%
7) Chloroethane-d5	1.93	69	12215	3.12	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	62.40%#
11) 1,1-Dichloroethene-d2	2.58	63	22081	2.21	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	44.20%#
20) 2-Butanone-d5	4.67	46	79972	47.74	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.48%
24) Chloroform-d	5.08	84	31855	3.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	70.80%
26) 1,2-Dichloroethane-d4	5.72	65	21414	3.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.80%
32) Benzene-d6	5.75	84	55355	3.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	66.20%#
36) 1,2-Dichloropropane-d6	6.70	67	20290	3.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	74.40%
41) Toluene-d8	7.91	98	42907	2.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	56.60%#
43) trans-1,3-Dichloropropene-	8.19	79	8036	3.40	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	68.00%
46) 2-Hexanone-d5	8.64	63	53749	42.27	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.54%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	20191	3.99	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	79.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	17270	3.81	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	76.20%#

Target Compounds

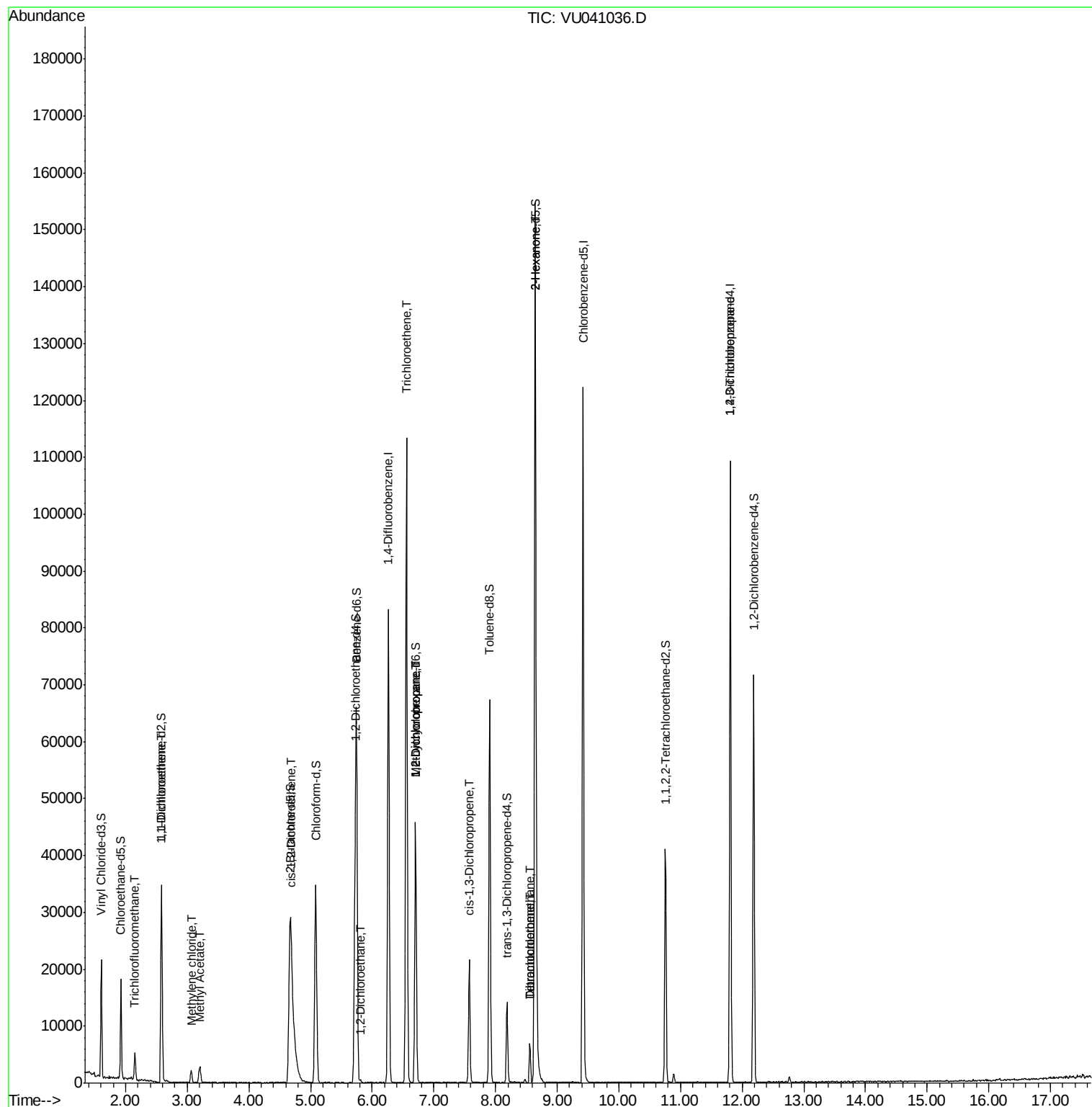
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Trichlorofluoromethane	2.15	101	3282	0.425	ug/L	99
12) 1,1-Dichloroethene	2.59	96	586	0.137	ug/L #	1
15) Methyl Acetate	3.20	43	326	0.124	ug/L #	53
16) Methylene chloride	3.07	84	891	0.179	ug/L	86
22) cis-1,2-Dichloroethene	4.69	96	414	0.092	ug/L	73
27) 1,2-Dichloroethane	5.81	62	468	0.072	ug/L #	74
34) Trichloroethene	6.56	95	37109	7.800	ug/L	98
35) Methylcyclohexane	6.70	83	4584	0.646	ug/L #	13
37) 1,2-Dichloropropane	6.70	63	2262	0.447	ug/L #	86
39) cis-1,3-Dichloropropene	7.57	75	484	0.069	ug/L #	68
47) Tetrachloroethene	8.56	164	1484	0.424	ug/L	90
48) 2-Hexanone	8.64	43	8362	2.754	ug/L #	67
49) Dibromochloromethane	8.56	129	1429	0.327	ug/L #	11
59) 1,2,3-Trichloropropane	11.81	75	3697	0.981	ug/L	89

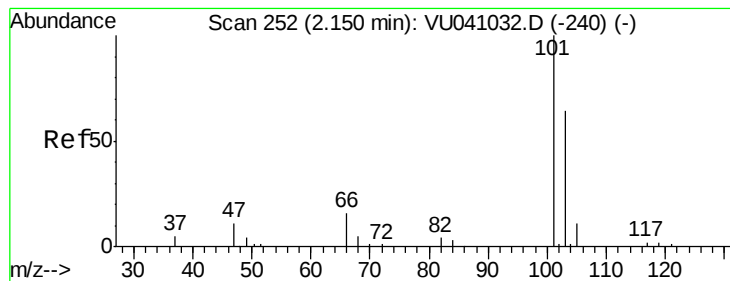
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU103020\
Data File : VU041036.D
Acq On : 30 Oct 2020 11:43
Operator : SY/MD
Sample : L4558-02DL 10X
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BP5DL

Quant Time: Oct 31 00:01:45 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 30 23:53:53 2020
Response via : Initial Calibration





#9

Trichlorofluoromethane

Concen: 0.425 ug/L

RT: 2.15 min Scan# 253

Delta R.T. 0.00 min

Lab File: VU041036.D

Acq: 30 Oct 2020 11:43

Instrument :

MSVOA_U

ClientSampleId :

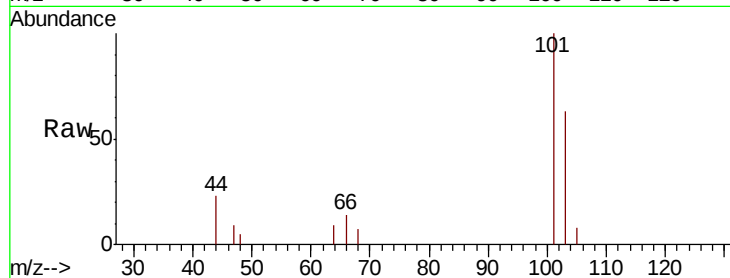
C0BP5DL

Tot Ion:101 Resp: 3282

Ion Ratio Lower Upper

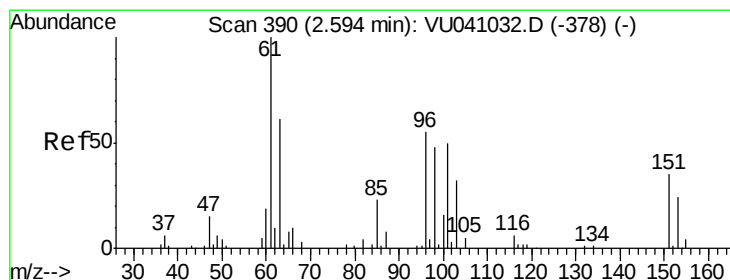
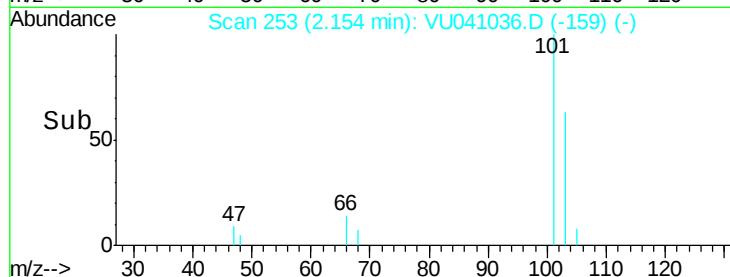
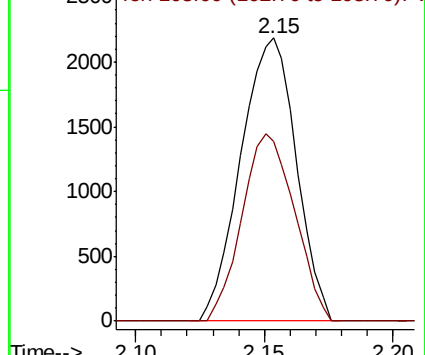
101 100

103 62.8 51.0 76.4



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#12

1,1-Dichloroethene

Concen: 0.137 ug/L

RT: 2.59 min Scan# 390

Delta R.T. 0.00 min

Lab File: VU041036.D

Acq: 30 Oct 2020 11:43

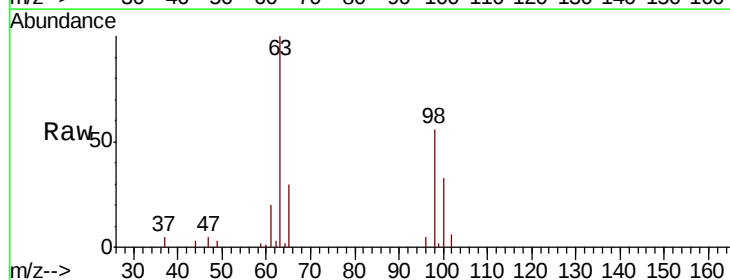
Tgt Ion: 96 Resp: 586

Ion Ratio Lower Upper

96 100

61 414.5 134.3 249.5#

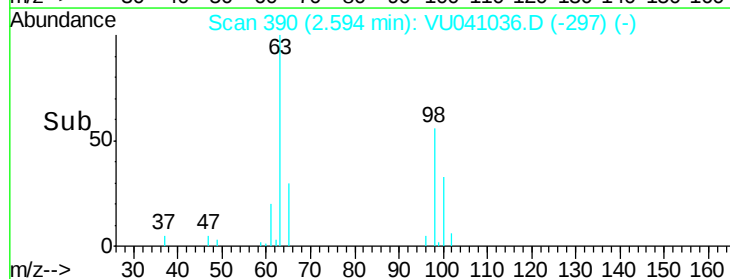
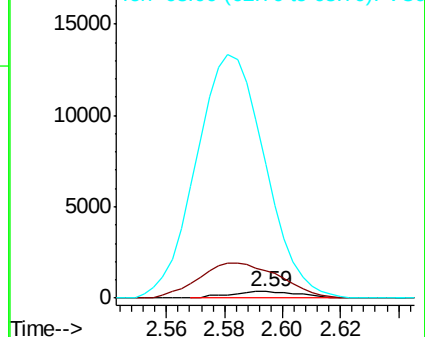
63 2037.9 95.0 176.4#

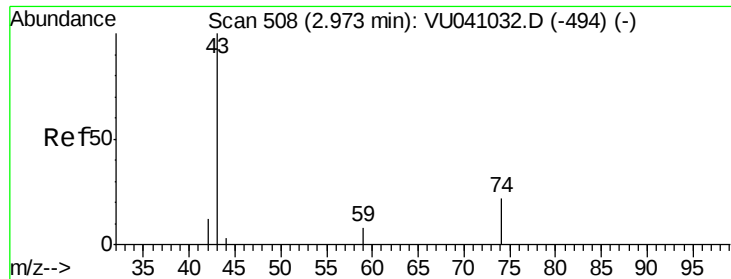


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0





#15

Methyl Acetate

Concen: 0.124 ug/L

RT: 3.20 min Scan# 579

Delta R.T. 0.23 min

Lab File: VU041036.D

Acq: 30 Oct 2020 11:43

Instrument :

MSVOA_U

ClientSampled :

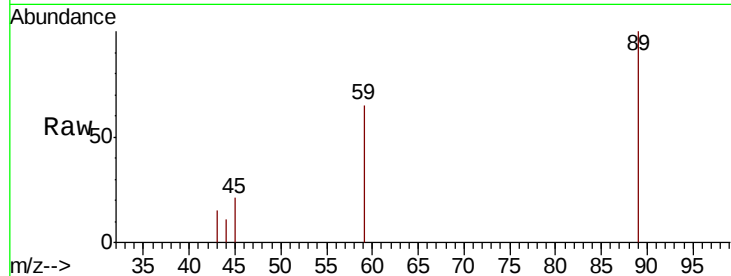
C0BP5DL

Tot Ion: 43 Resp: 326

Ion Ratio Lower Upper

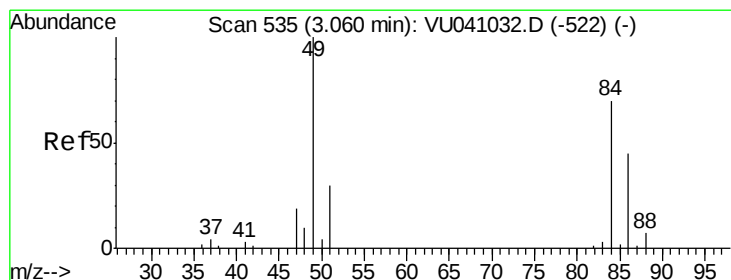
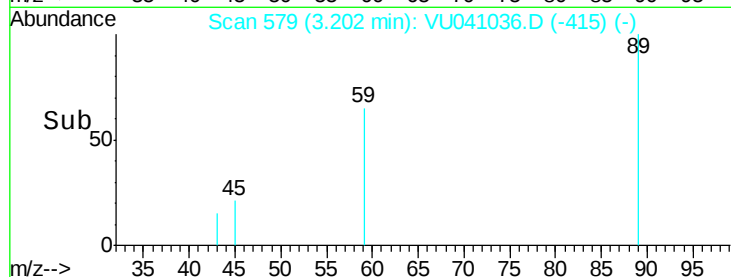
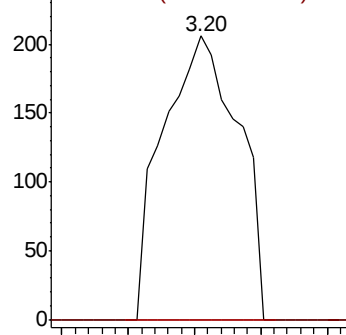
43 100

74 0.0 18.3 27.5#



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 74.05 (73.75 to 74.75): VU0



#16

Methylene chloride

Concen: 0.179 ug/L

RT: 3.07 min Scan# 537

Delta R.T. 0.01 min

Lab File: VU041036.D

Acq: 30 Oct 2020 11:43

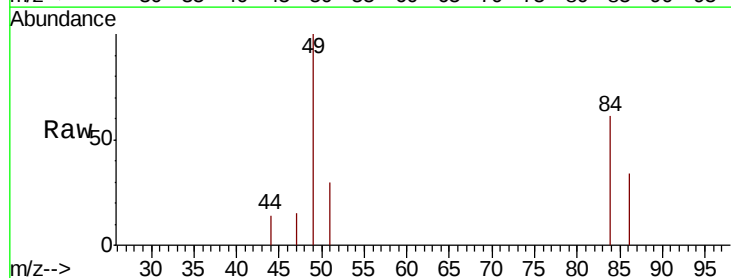
Tgt Ion: 84 Resp: 891

Ion Ratio Lower Upper

84 100

86 56.1 42.8 79.6

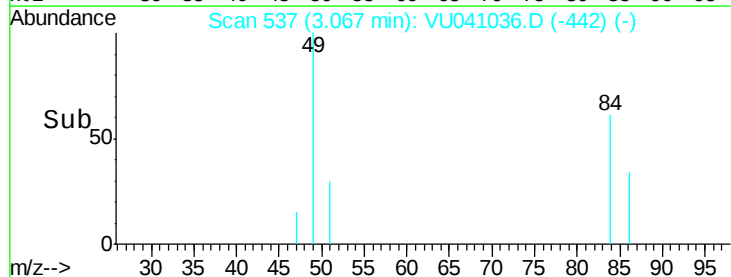
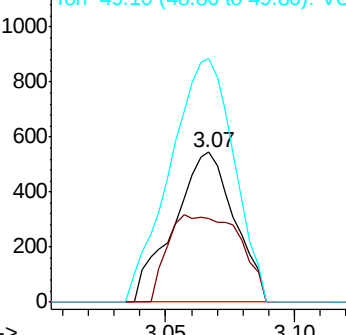
49 162.7 99.5 184.7

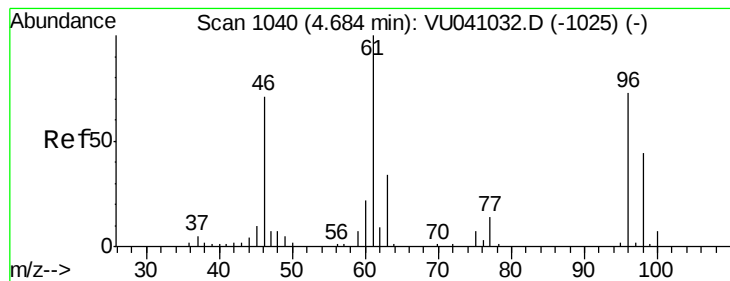


Abundance Ion 84.05 (83.75 to 84.75): VU0

Ion 86.00 (85.70 to 86.70): VU0

Ion 49.10 (48.80 to 49.80): VU0





#22

cis-1,2-Dichloroethene

Concen: 0.092 ug/L

RT: 4.69 min Scan# 1043

Delta R.T. 0.01 min

Lab File: VU041036.D

Acq: 30 Oct 2020 11:43

Instrument :

MSVOA_U

ClientSampled :

C0BP5DL

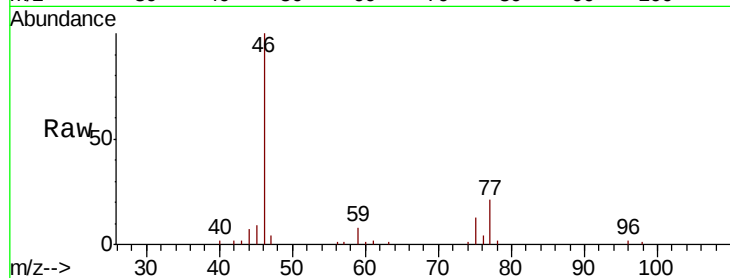
Tot Ion: 96 Resp: 414

Ion Ratio Lower Upper

96 100

61 106.5 97.2 180.4

68 0.0 0.0 0.0



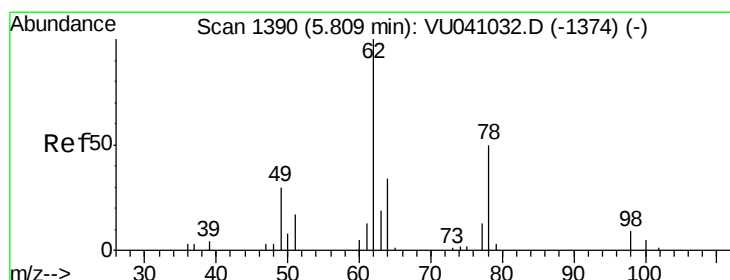
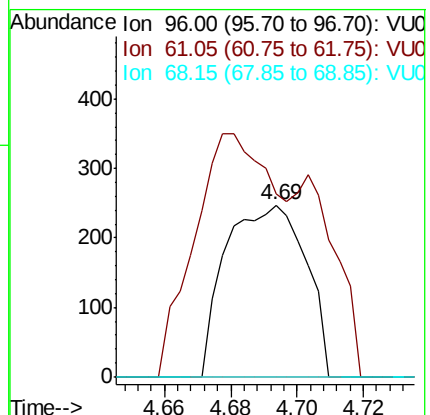
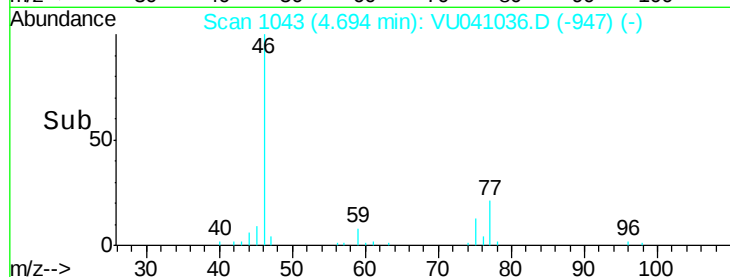
Abundance Ion 96.00 (95.70 to 96.70): VU041036.D (-947) (-)

Ion 61.05 (60.75 to 61.75): VU041036.D (-947) (-)

Ion 68.15 (67.85 to 68.85): VU041036.D (-947) (-)

4.69

Time-->



#27

1,2-Dichloroethane

Concen: 0.072 ug/L

RT: 5.81 min Scan# 1389

Delta R.T. -0.00 min

Lab File: VU041036.D

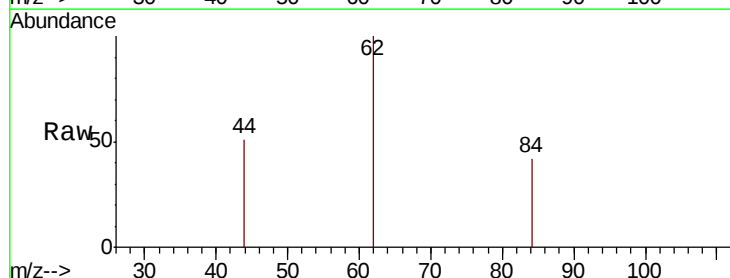
Acq: 30 Oct 2020 11:43

Tgt Ion: 62 Resp: 468

Ion Ratio Lower Upper

62 100

98 0.0 7.6 11.4#

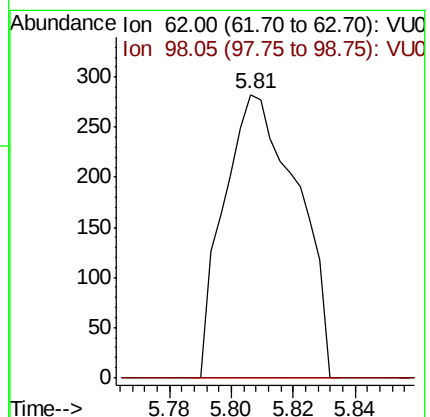
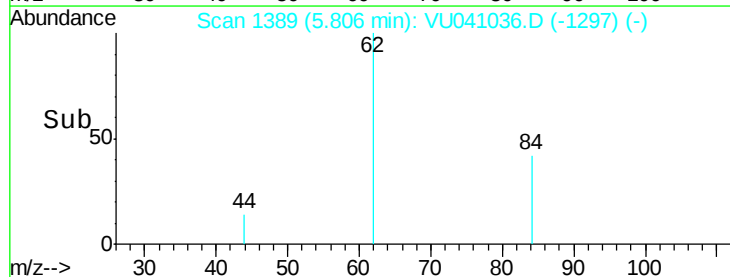


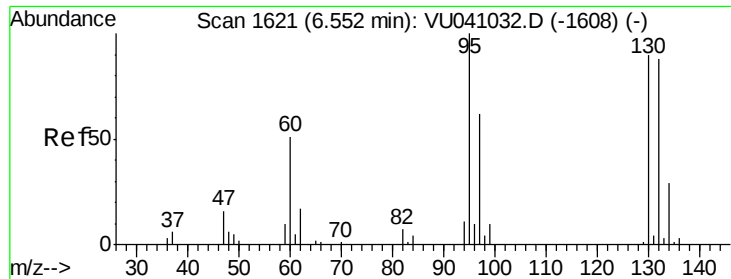
Abundance Ion 62.00 (61.70 to 62.70): VU041036.D (-1297) (-)

Ion 98.05 (97.75 to 98.75): VU041036.D (-1297) (-)

5.81

Time-->

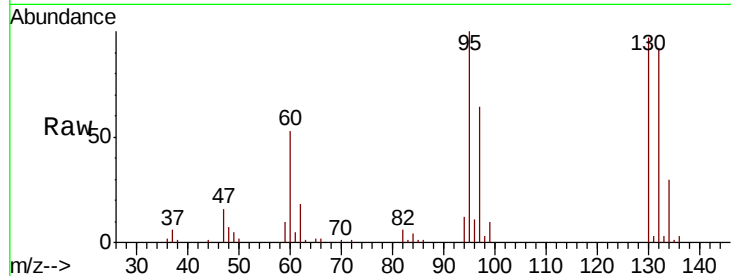




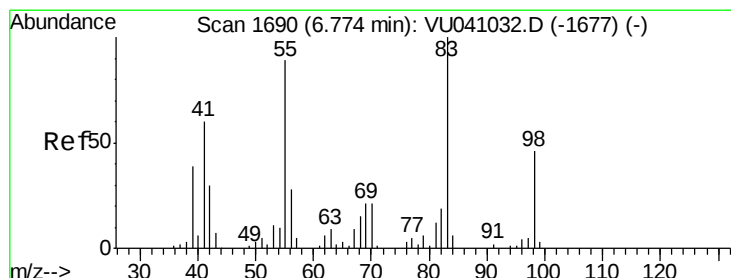
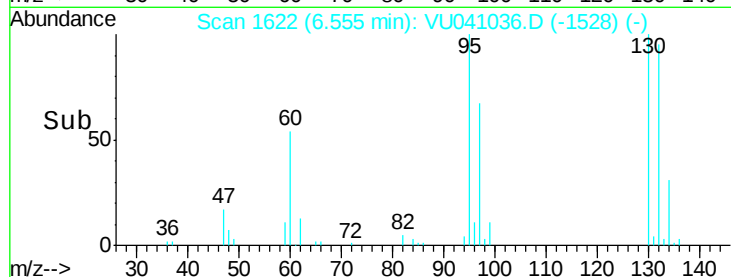
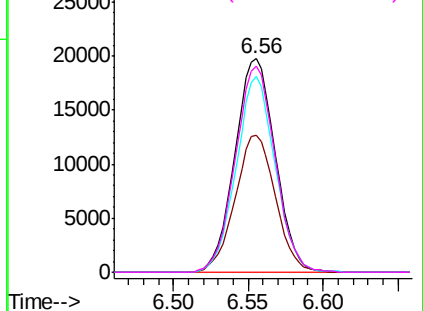
#34
 Trichloroethene
 Concen: 7.800 ug/L
 RT: 6.56 min Scan# 1622
 Delta R.T. 0.00 min
 Lab File: VU041036.D
 Acq: 30 Oct 2020 11:43

Instrument :
 MSVOA_U
 ClientSampleId :
 C0BP5DL

Tot Ion: 95 Resp: 37109
 Ion Ratio Lower Upper
 95 100
 97 64.3 45.6 84.6
 132 91.6 64.8 120.4
 130 96.5 64.8 120.4

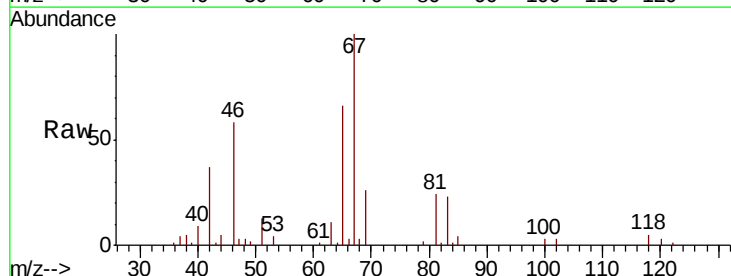


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 96.95 (96.65 to 97.65): VU0
 Ion 131.95 (131.65 to 132.65): V
 Ion 129.95 (129.65 to 130.65): V

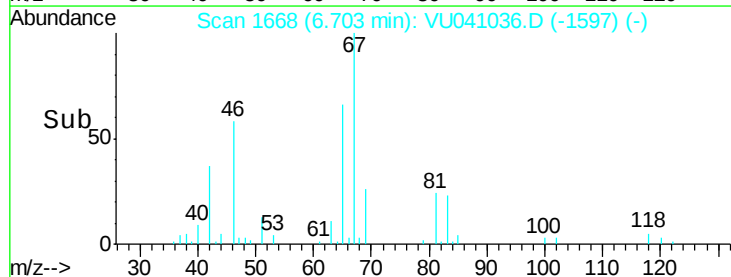
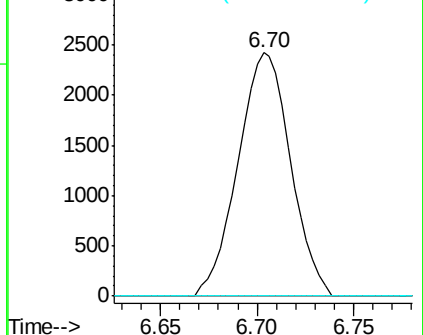


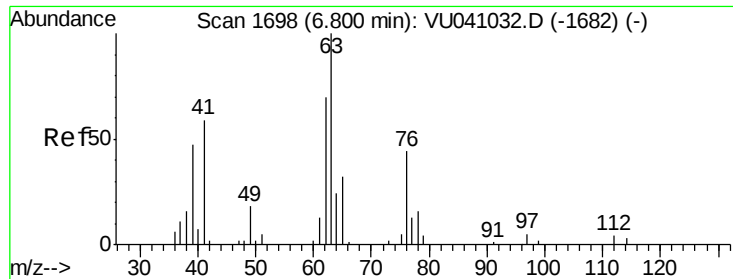
#35
 Methylcyclohexane
 Concen: 0.646 ug/L
 RT: 6.70 min Scan# 1668
 Delta R.T. -0.07 min
 Lab File: VU041036.D
 Acq: 30 Oct 2020 11:43

Tgt Ion: 83 Resp: 4584
 Ion Ratio Lower Upper
 83 100
 55 0.0 72.0 108.0#
 98 0.0 36.6 55.0#



Abundance Ion 83.15 (82.85 to 83.85): VU0
 Ion 55.10 (54.80 to 55.80): VU0
 Ion 98.15 (97.85 to 98.85): VU0

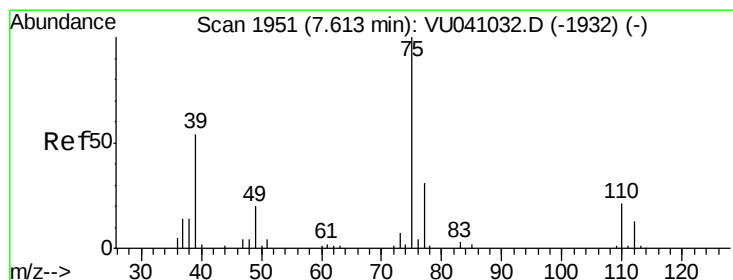
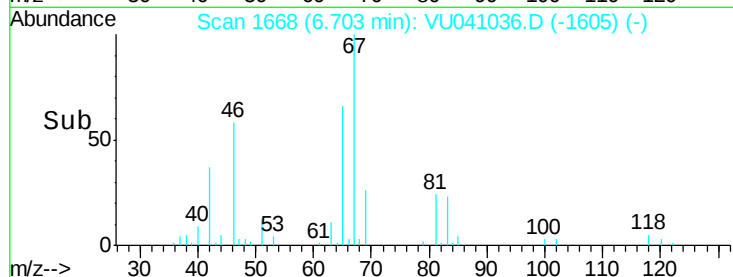
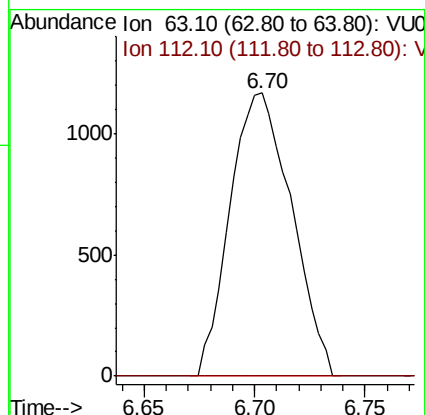
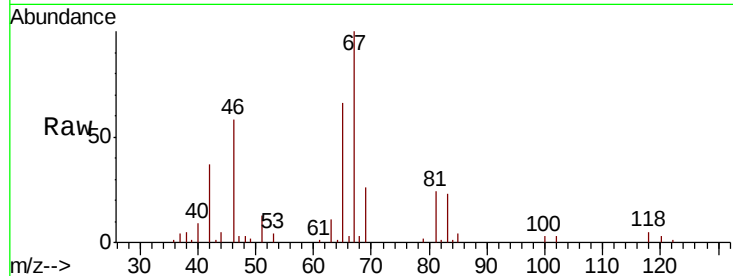




#37
 1,2-Dichloropropane
 Concen: 0.447 ug/L
 RT: 6.70 min Scan# 1668
 Delta R.T. -0.10 min
 Lab File: VU041036.D
 Acq: 30 Oct 2020 11:43

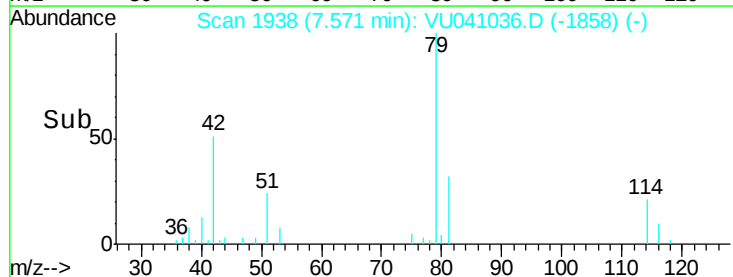
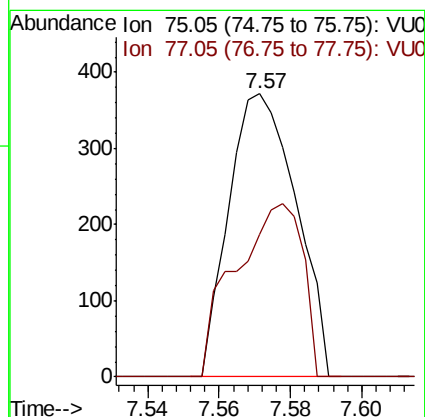
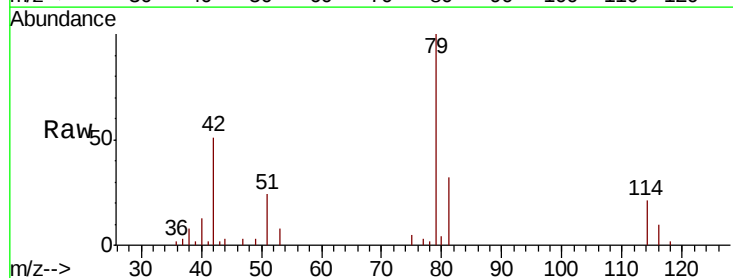
Instrument :
 MSVOA_U
 ClientSampleId :
 C0BP5DL

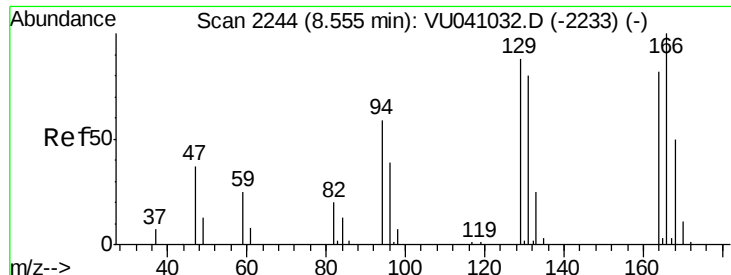
Tot Ion: 63 Resp: 2262
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.6 5.4#



#39
 cis-1,3-Dichloropropene
 Concen: 0.069 ug/L
 RT: 7.57 min Scan# 1938
 Delta R.T. -0.04 min
 Lab File: VU041036.D
 Acq: 30 Oct 2020 11:43

Tgt Ion: 75 Resp: 484
 Ion Ratio Lower Upper
 75 100
 77 50.3 22.7 42.3#





#47

Tetrachloroethene

Concen: 0.424 ug/L

RT: 8.56 min Scan# 2245

Delta R.T. 0.00 min

Lab File: VU041036.D

Acq: 30 Oct 2020 11:43

Instrument :

MSVOA_U

ClientSampleId :

C0BP5DL

Tot Ion:164 Resp: 1484

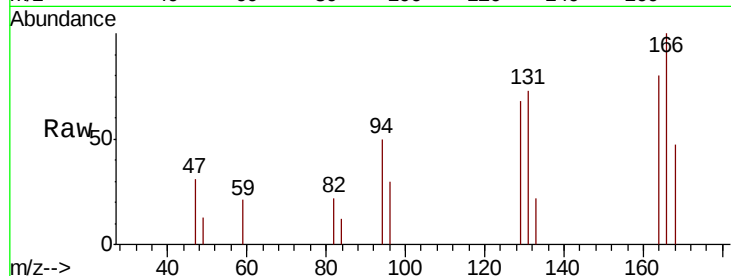
Ion Ratio Lower Upper

164 100

129 85.7 70.3 130.7

131 91.2 70.8 131.4

166 125.2 92.0 170.8

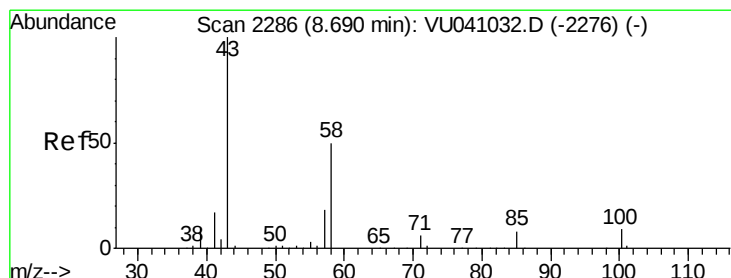
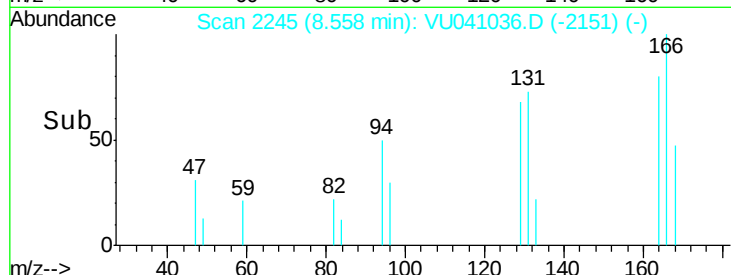
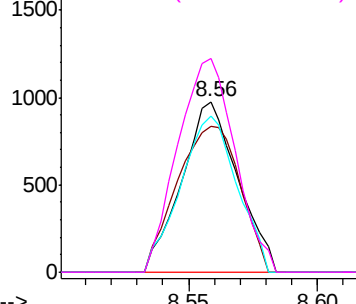


Abundance Ion 163.90 (163.60 to 164.60): V

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



#48

2-Hexanone

Concen: 2.754 ug/L

RT: 8.64 min Scan# 2271

Delta R.T. -0.05 min

Lab File: VU041036.D

Acq: 30 Oct 2020 11:43

Tgt Ion: 43 Resp: 8362

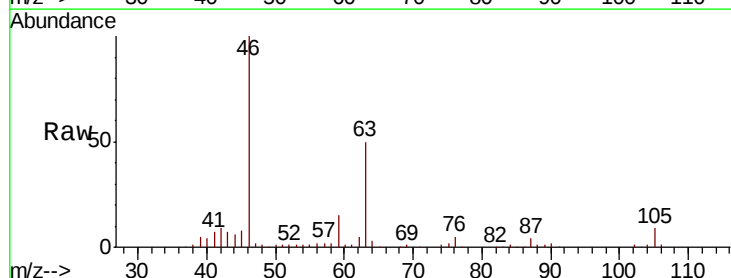
Ion Ratio Lower Upper

43 100

58 26.7 41.4 62.2#

57 31.0 14.6 21.8#

100 0.5 8.3 12.5#

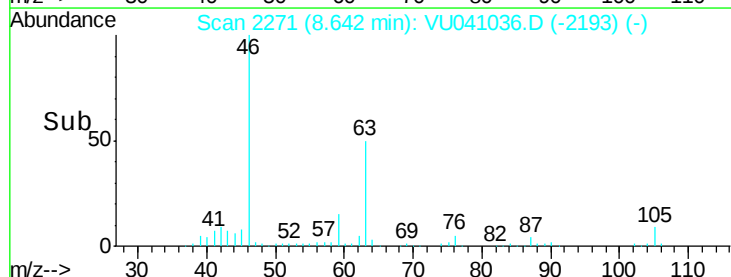
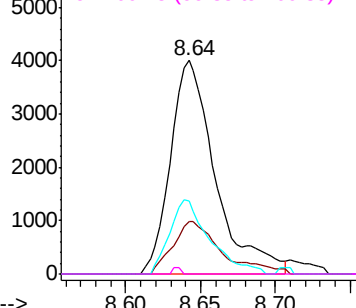


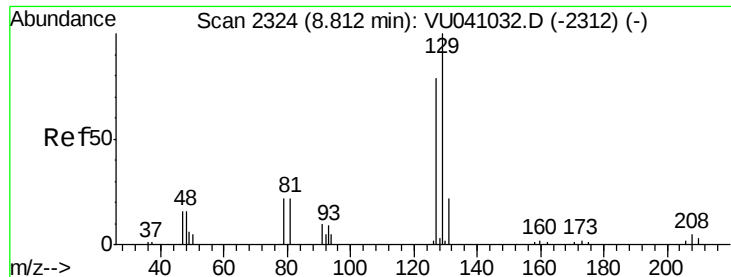
Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

Ion 57.20 (56.90 to 57.90): VU0

Ion 100.15 (99.85 to 100.85): VU0





#49

Dibromochloromethane

Concen: 0.327 ug/L

RT: 8.56 min Scan# 2245

Delta R.T. -0.25 min

Lab File: VU041036.D

Acq: 30 Oct 2020 11:43

Instrument :

MSVOA_U

ClientSampleId :

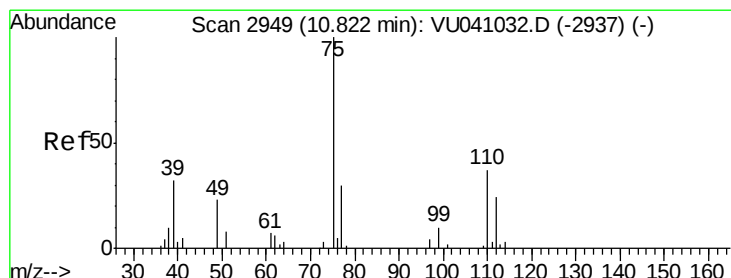
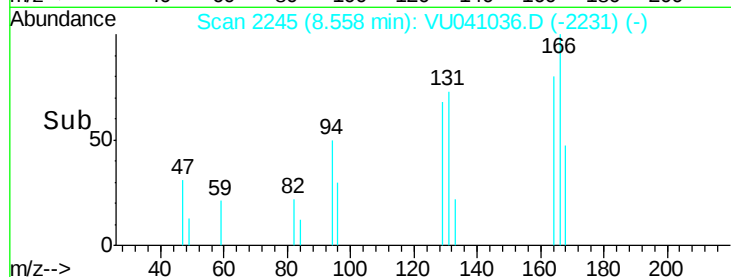
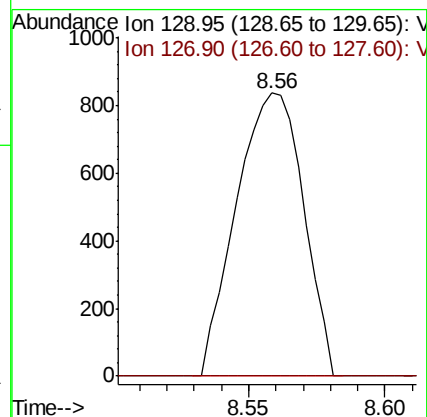
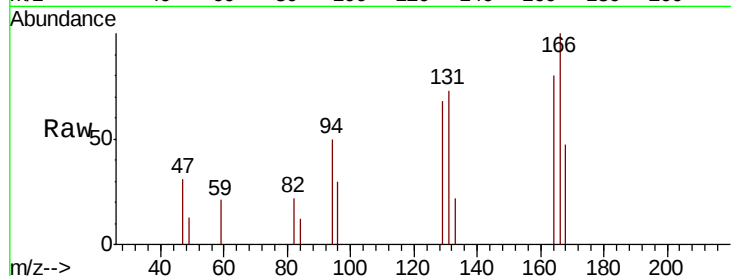
C0BP5DL

Tot Ion:129 Resp: 1429

Ion Ratio Lower Upper

129 100

127 0.0 53.4 99.2#



#59

1,2,3-Trichloropropane

Concen: 0.981 ug/L

RT: 11.81 min Scan# 3256

Delta R.T. 0.99 min

Lab File: VU041036.D

Acq: 30 Oct 2020 11:43

Tgt Ion: 75 Resp: 3697

Ion Ratio Lower Upper

75 100

77 38.5 25.7 38.5

