

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U061320\
 Data File : VU038845.D
 Acq On : 12 Jun 2020 12:41
 Operator : SY/MD
 Sample : VU0613WBL01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 13 00:58:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR061220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Jun 13 00:56:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	317182	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	308054	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	145501	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	72846	4.21	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.20%
7) Chloroethane-d5	1.93	69	58735	4.23	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.60%
11) 1,1-Dichloroethene-d2	2.59	63	122964	3.13	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.60%
20) 2-Butanone-d5	4.69	46	240270	44.28	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.56%
24) Chloroform-d	5.10	84	157526	4.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.40%
26) 1,2-Dichloroethane-d4	5.74	65	92584	4.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.60%
32) Benzene-d6	5.76	84	320361	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.00%
36) 1,2-Dichloropropane-d6	6.72	67	96898	4.50	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.00%
41) Toluene-d8	7.92	98	278668	4.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.40%
43) trans-1,3-Dichloropropene-	8.20	79	39933	4.17	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.40%
46) 2-Hexanone-d5	8.66	63	203125	47.80	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.60%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	80591	4.28	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.60%
64) 1,2-Dichlorobenzene-d4	12.20	152	106998	4.52	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.40%

Target Compounds

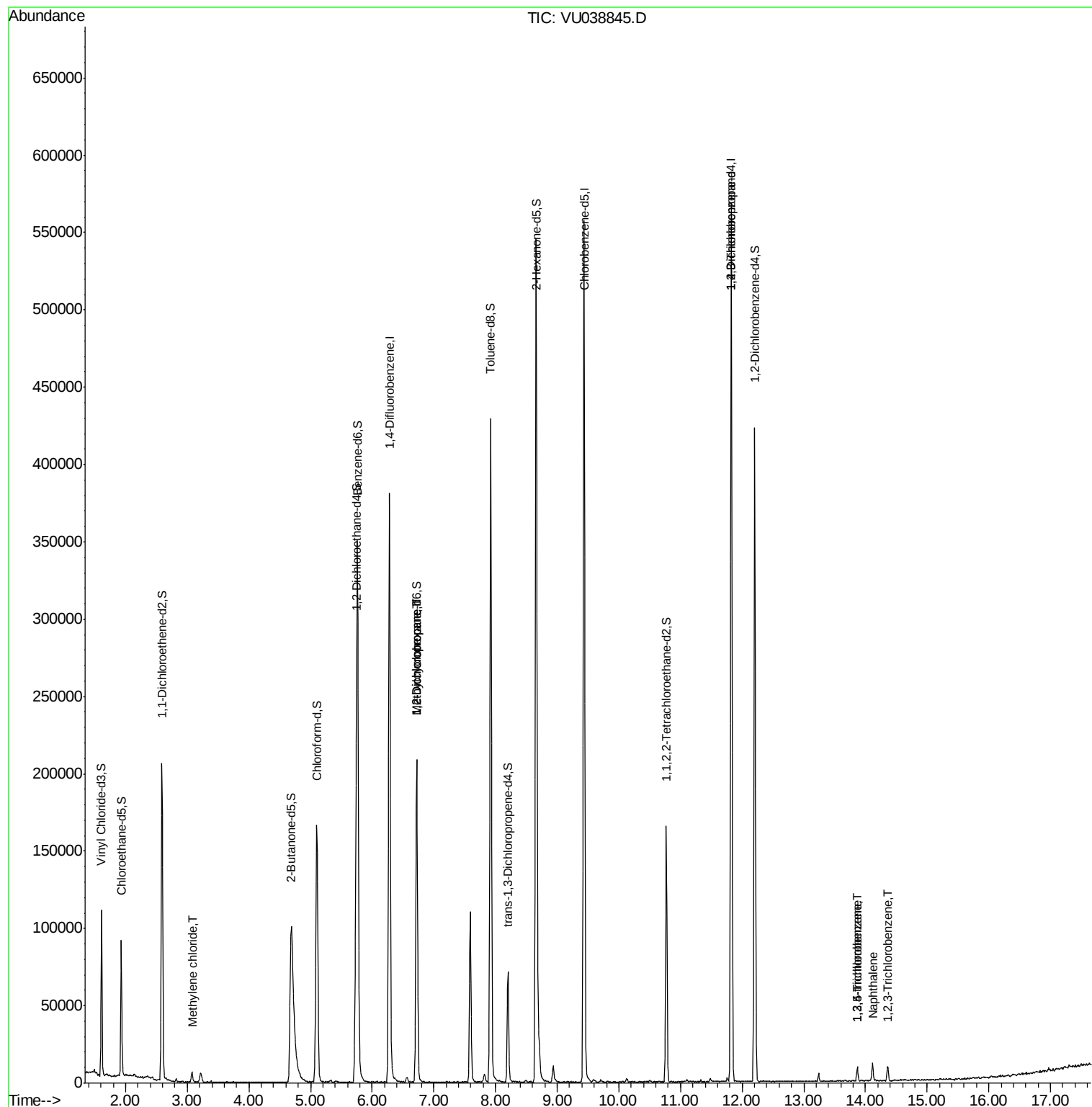
					Ovalue
16) Methylene chloride	3.08	84	2796	0.109 ug/L	92
35) Methylcyclohexane	6.72	83	24119	0.638 ug/L #	17
37) 1,2-Dichloropropane	6.72	63	10524	0.449 ug/L #	86
59) 1,2,3-Trichloropropane	11.82	75	18843	1.083 ug/L	89
67) 1,3,5-Trichlorobenzene	13.86	180	3034	0.088 ug/L	95
68) 1,2,4-trichlorobenzene	13.86	180	3034	0.100 ug/L	98
69) Naphthalene	14.12	128	9556	0.165 ug/L #	90
70) 1,2,3-Trichlorobenzene	14.36	180	3107	0.112 ug/L	98

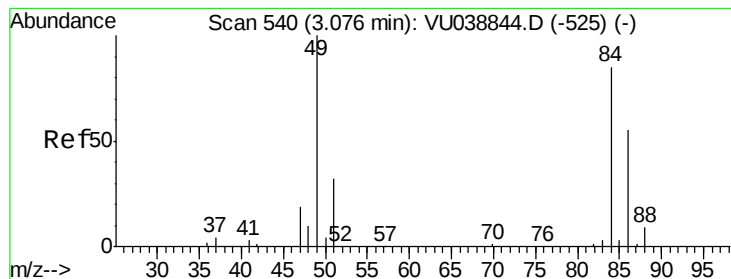
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Jun 13 00:58:00 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR061220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Jun 13 00:56:28 2020
Response via : Initial Calibration





#16

Methvlene chloride

Concen: 0.109 ug/L

RT: 3.08 min Scan# 541

Delta R.T. 0.00 min

Lab File: VU038845.D

Acq: 12 Jun 2020 12:41

Instrument :

MSVOA_U

ClientSampled :

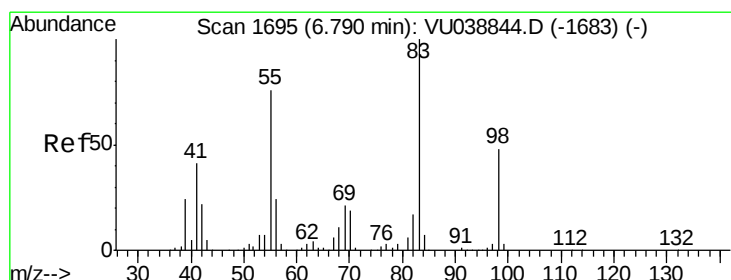
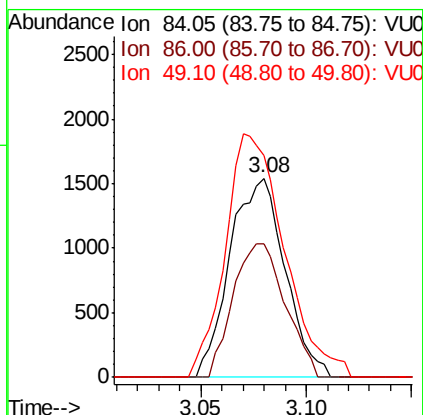
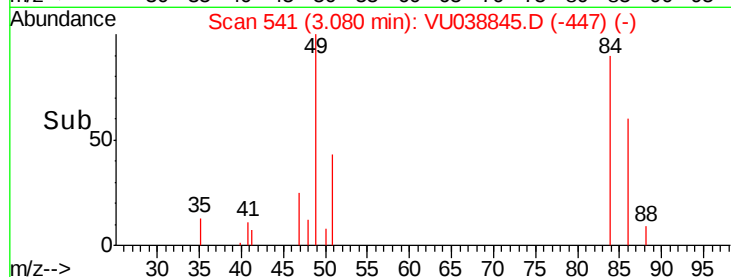
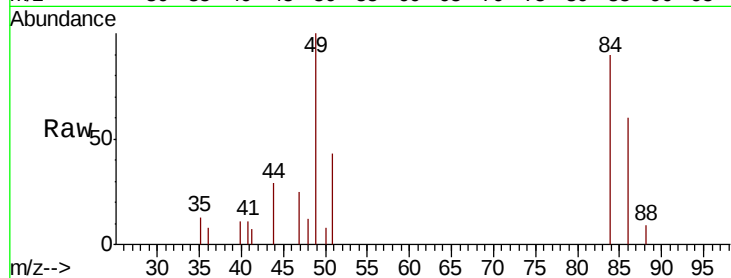
Tot Ion: 84 Resp: 2796

Ion Ratio Lower Upper

84 100

86 66.9 43.0 80.0

49 111.6 85.0 157.8



#35

Methylcyclohexane

Concen: 0.638 ug/L

RT: 6.72 min Scan# 1674

Delta R.T. -0.07 min

Lab File: VU038845.D

Acq: 12 Jun 2020 12:41

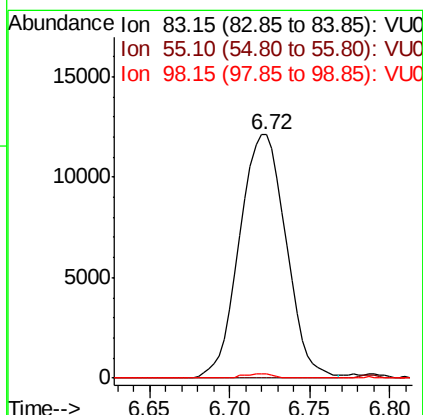
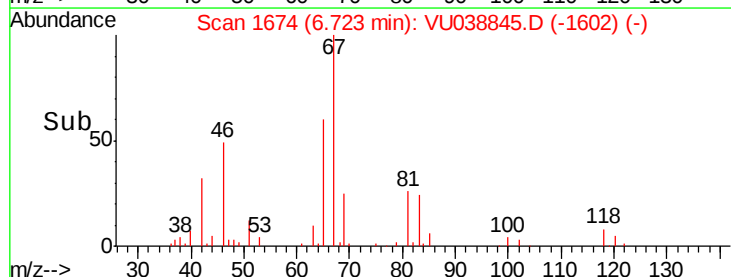
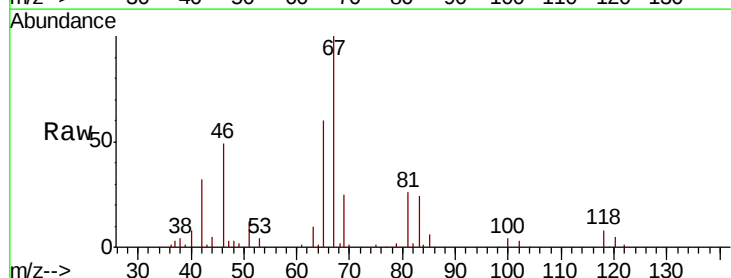
Tgt Ion: 83 Resp: 24119

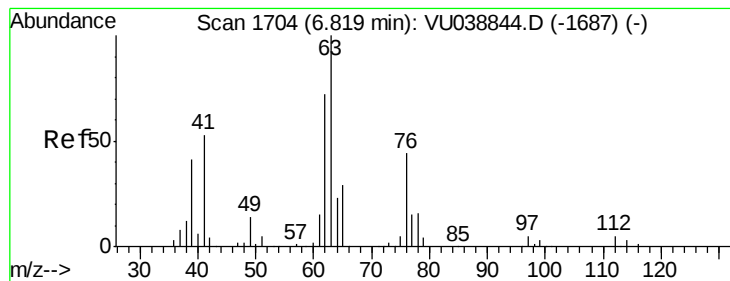
Ion Ratio Lower Upper

83 100

55 0.0 64.2 96.2#

98 1.1 40.5 60.7#





#37

1,2-Dichloropropane

Concen: 0.449 ug/L

RT: 6.72 min Scan# 1673

Delta R.T. -0.10 min

Lab File: VU038845.D

Acq: 12 Jun 2020 12:41

Instrument :

MSVOA_U

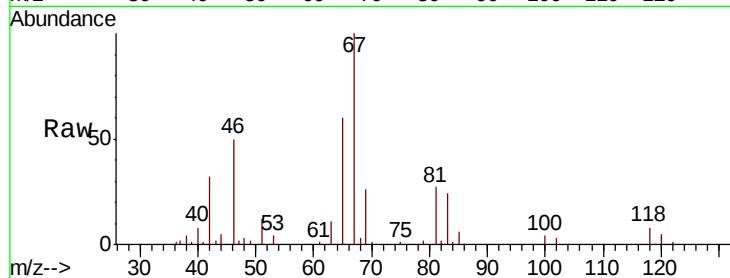
ClientSampleId :

Tot Ion: 63 Resp: 10524

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#



Abundance Ion 63.10 (62.80 to 63.80): VU038844.D (-1687) (-)

Ion 112.10 (111.80 to 112.80): VU038844.D (-1687) (-)

6.72

6000

5000

4000

3000

2000

1000

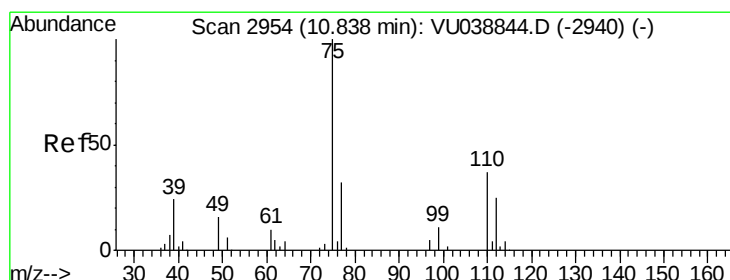
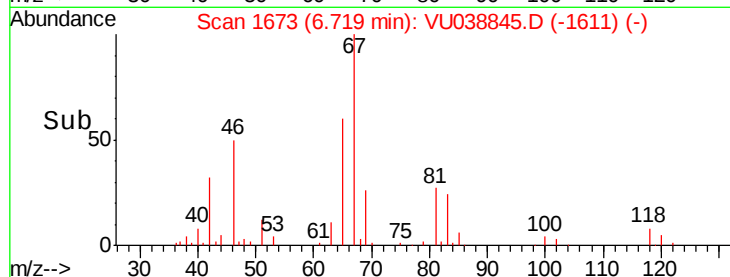
0

6.65

6.70

6.75

Time-->



#59

1,2,3-Trichloropropane

Concen: 1.083 ug/L

RT: 11.82 min Scan# 3260

Delta R.T. 0.98 min

Lab File: VU038845.D

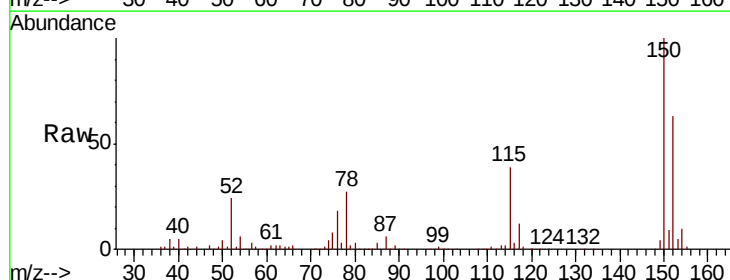
Acq: 12 Jun 2020 12:41

Tgt Ion: 75 Resp: 18843

Ion Ratio Lower Upper

75 100

77 38.3 25.8 38.8



Abundance Ion 75.00 (74.70 to 75.70): VU038844.D (-2940) (-)

Ion 77.00 (76.70 to 77.70): VU038844.D (-2940) (-)

11.82

10000

5000

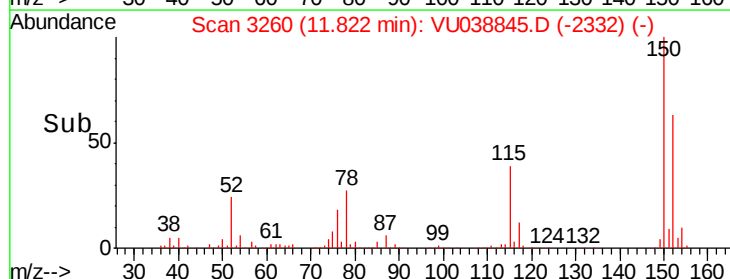
0

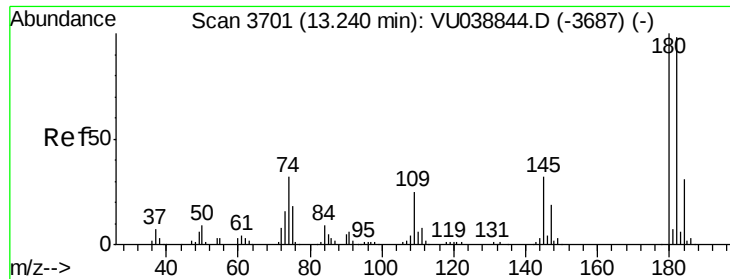
11.75

11.80

11.85

Time-->

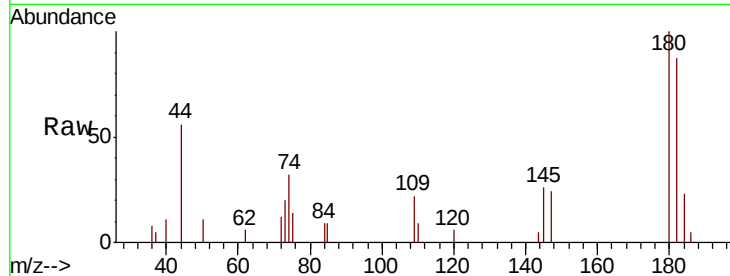




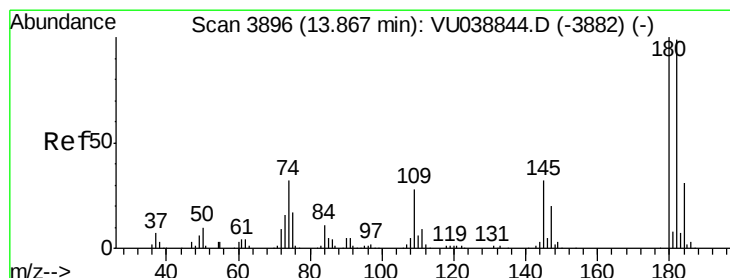
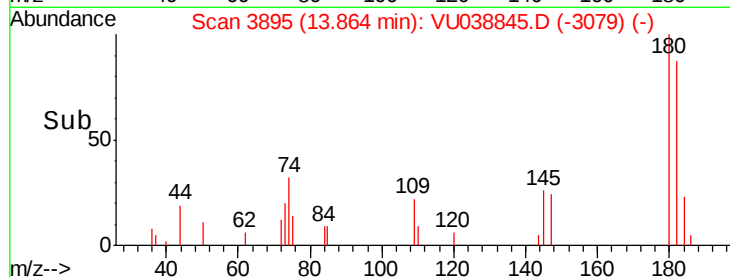
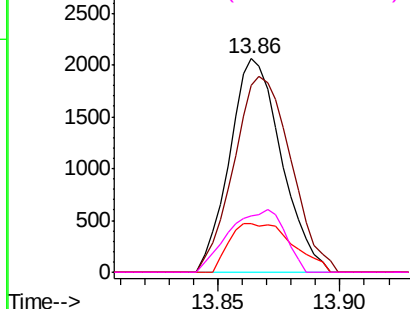
#67
 1,3,5-Trichlorobenzene
 Concen: 0.088 ug/L
 RT: 13.86 min Scan# 3895
 Delta R.T. 0.62 min
 Lab File: VU038845.D
 Acq: 12 Jun 2020 12:41

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion:180 Resp: 3034
 Ion Ratio Lower Upper
 180 100
 182 100.7 75.0 112.4
 184 28.0 23.7 35.5
 145 31.8 24.6 36.8

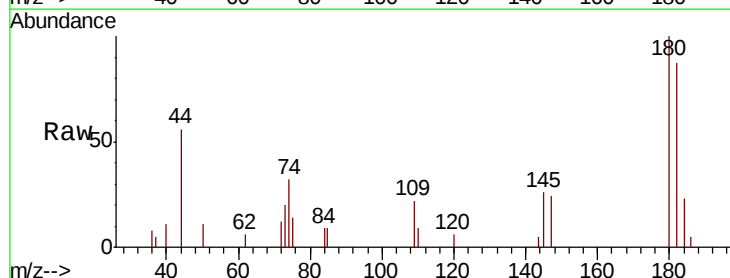


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V

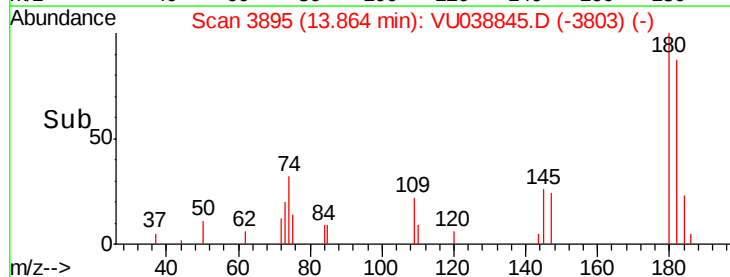
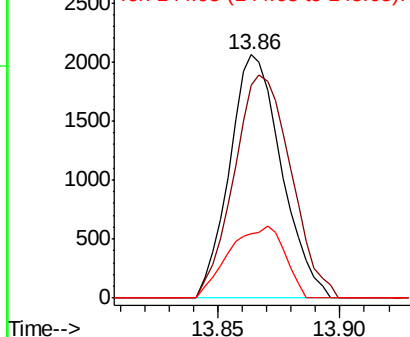


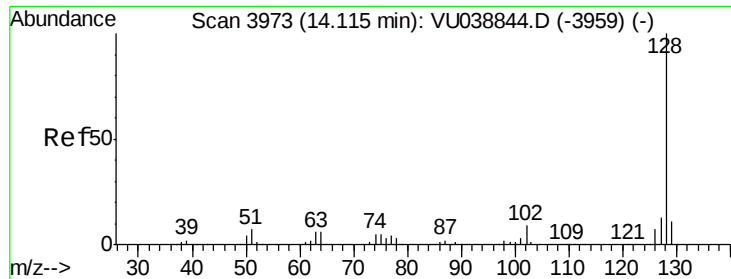
#68
 1,2,4-trichlorobenzene
 Concen: 0.100 ug/L
 RT: 13.86 min Scan# 3895
 Delta R.T. -0.00 min
 Lab File: VU038845.D
 Acq: 12 Jun 2020 12:41

Tgt Ion:180 Resp: 3034
 Ion Ratio Lower Upper
 180 100
 182 100.7 78.5 117.7
 145 31.8 25.0 37.4



Abundance Ion 179.90 (179.60 to 180.60): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 144.95 (144.65 to 145.65): V





#69

Naphthalene

Concen: 0.165 ug/L

RT: 14.12 min Scan# 3974

Delta R.T. 0.00 min

Lab File: VU038845.D

Acq: 12 Jun 2020 12:41

Instrument :

MSVOA_U

ClientSampleId :

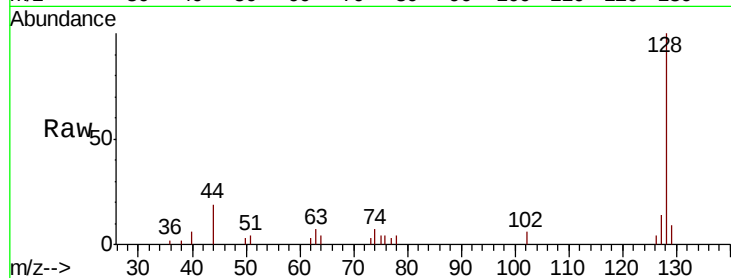
Tot Ion:128 Resp: 9556

Ion Ratio Lower Upper

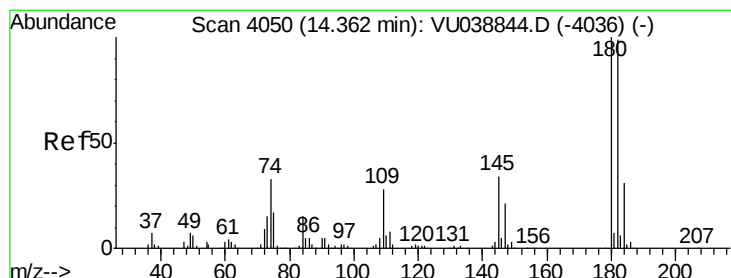
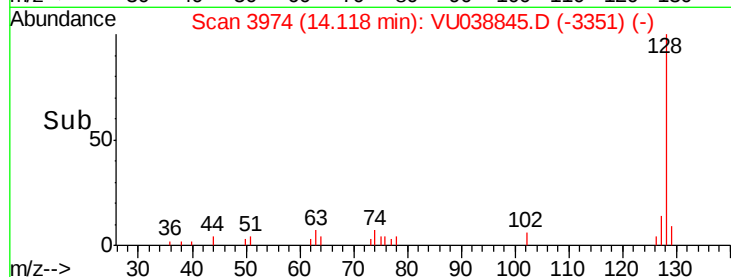
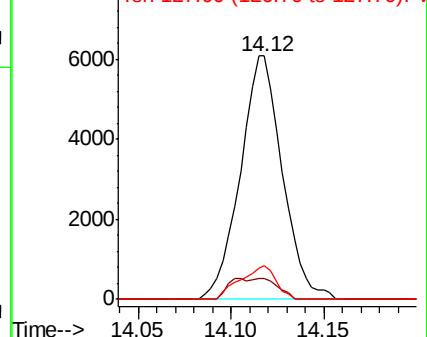
128 100

129 4.6 8.9 13.3#

127 11.5 10.5 15.7



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



#70

1,2,3-Trichlorobenzene

Concen: 0.112 ug/L

RT: 14.36 min Scan# 4049

Delta R.T. -0.00 min

Lab File: VU038845.D

Acq: 12 Jun 2020 12:41

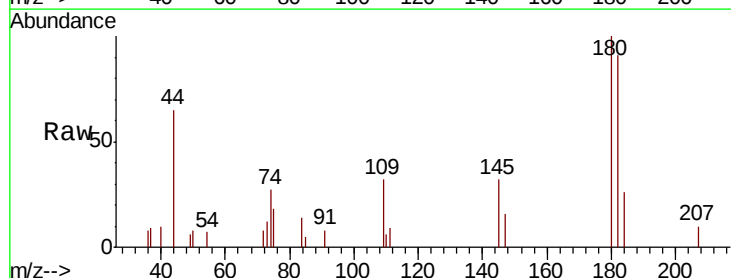
Tgt Ion:180 Resp: 3107

Ion Ratio Lower Upper

180 100

182 96.4 76.1 114.1

145 37.7 27.8 41.6



Abundance Ion 179.90 (179.60 to 180.60): V
Ion 181.90 (181.60 to 182.60): V
Ion 144.95 (144.65 to 145.65): V

