

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060420\
 Data File : VU038546.D
 Acq On : 04 Jun 2020 14:10
 Operator : SY/MD
 Sample : L2856-08
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

Quant Time: Jun 05 01:13:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jun 05 01:11:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	372977	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	360772	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	170985	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	103736	4.30	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.00%
7) Chloroethane-d5	1.93	69	80932	4.36	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.20%
11) 1,1-Dichloroethene-d2	2.59	63	159835	3.36	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.20%
20) 2-Butanone-d5	4.69	46	309621	42.22	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	84.44%
24) Chloroform-d	5.10	84	189505	4.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.60%
26) 1,2-Dichloroethane-d4	5.74	65	109555	4.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.20%
32) Benzene-d6	5.76	84	400172	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.80%
36) 1,2-Dichloropropane-d6	6.72	67	117574	4.25	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.00%
41) Toluene-d8	7.92	98	340785	4.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.40%
43) trans-1,3-Dichloropropene-	8.20	79	48478	4.07	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.40%
46) 2-Hexanone-d5	8.66	63	256410	43.59	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.18%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	94994	4.04	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	80.80%
64) 1,2-Dichlorobenzene-d4	12.20	152	130192	4.41	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.20%

Target Compounds

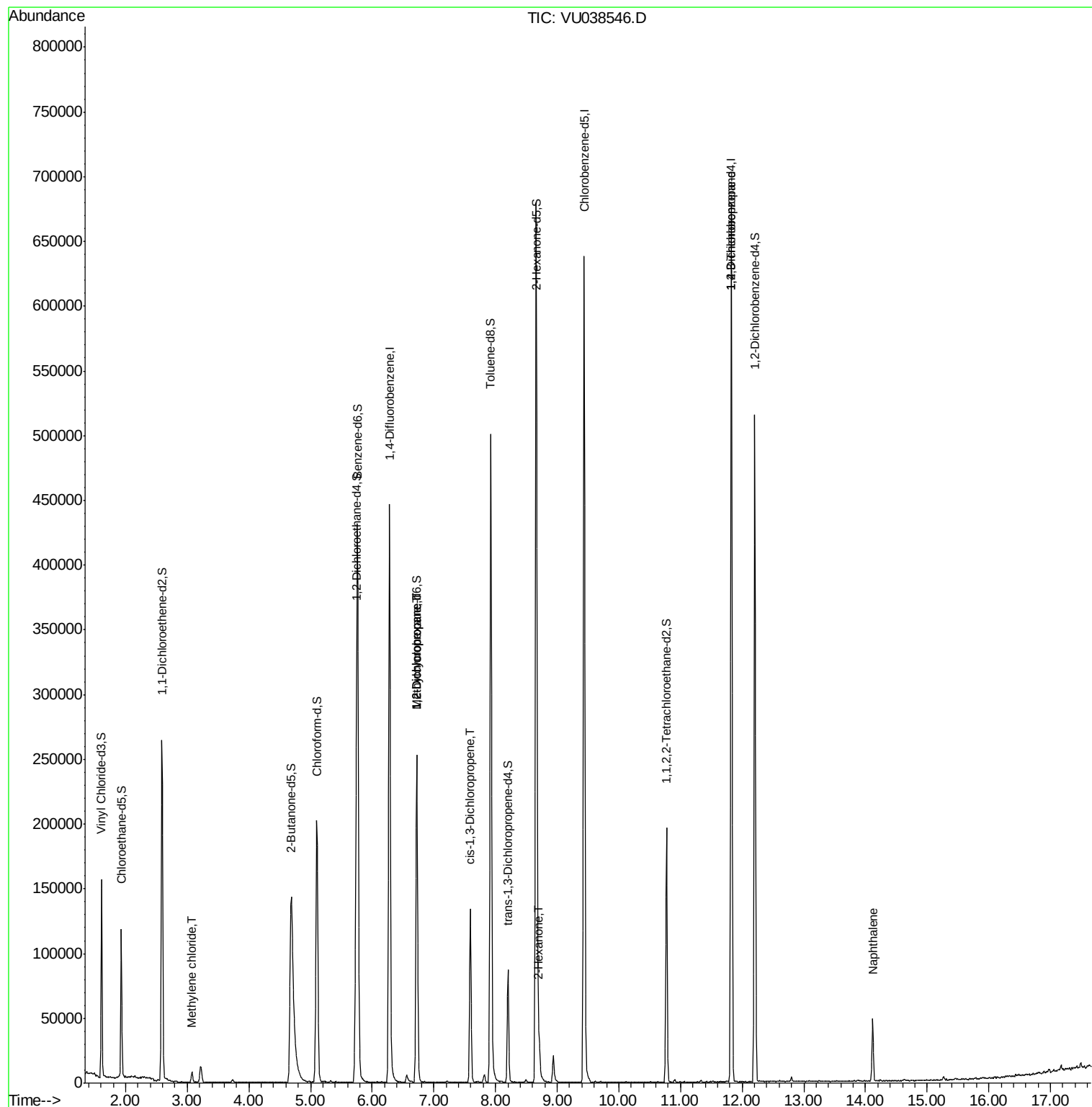
					Ovalue
16) Methylene chloride	3.08	84	3497	0.135 ug/L	97
35) Methylcyclohexane	6.72	83	28660	0.709 ug/L #	18
37) 1,2-Dichloropropane	6.72	63	13466	0.532 ug/L #	86
39) cis-1,3-Dichloropropene	7.59	75	3325	0.089 ug/L #	53
48) 2-Hexanone	8.71	43	13087	0.954 ug/L #	93
59) 1,2,3-Trichloropropane	11.83	75	21968	1.163 ug/L	89
69) Naphthalene	14.12	128	37405	0.542 ug/L	100

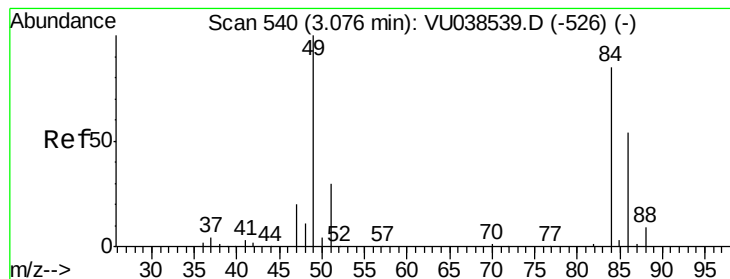
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jun 05 01:11:12 2020
Response via : Initial Calibration





#16

Methylene chloride

Concen: 0.135 ug/L

RT: 3.08 min Scan# 541

Delta R.T. 0.00 min

Lab File: VU038546.D

Acq: 04 Jun 2020 14:10

Instrument :

MSVOA_U

ClientSampleId :

VHBLK01

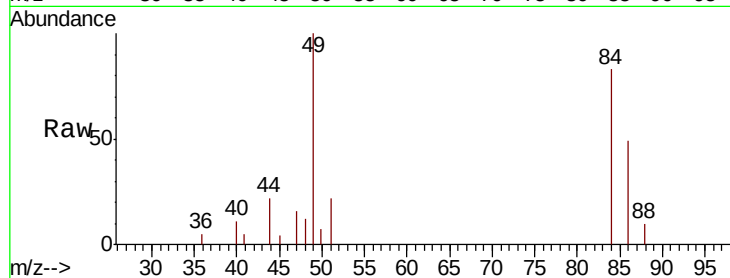
Tot Ion: 84 Resp: 3497

Ion Ratio Lower Upper

84 100

86 59.5 45.0 83.6

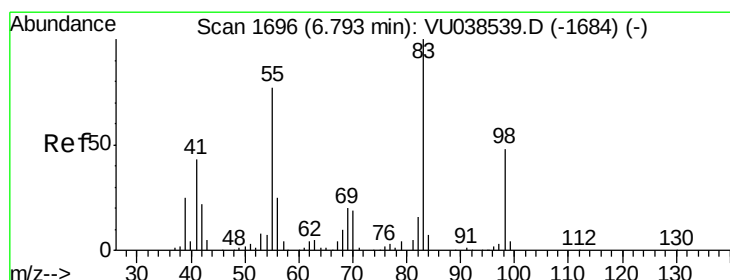
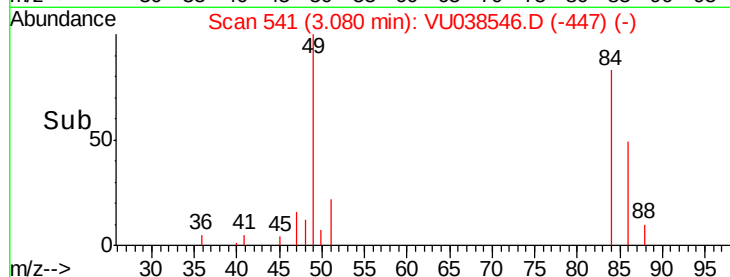
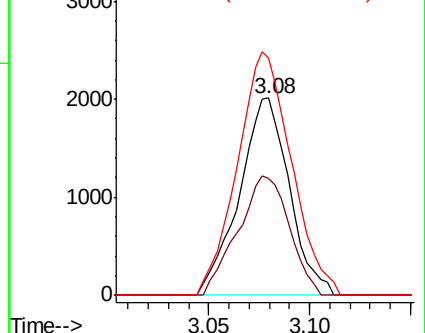
49 120.3 85.5 158.9



Abundance Ion 84.05 (83.75 to 84.75): VU038539.D (-526) (-)

Ion 86.00 (85.70 to 86.70): VU038539.D (-526) (-)

Ion 49.10 (48.80 to 49.80): VU038539.D (-526) (-)



#35

Methylcyclohexane

Concen: 0.709 ug/L

RT: 6.72 min Scan# 1674

Delta R.T. -0.07 min

Lab File: VU038546.D

Acq: 04 Jun 2020 14:10

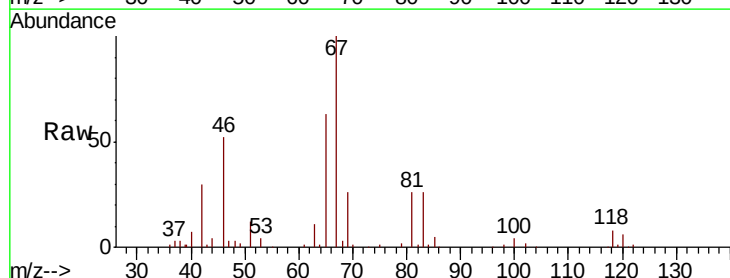
Tgt Ion: 83 Resp: 28660

Ion Ratio Lower Upper

83 100

55 0.2 63.4 95.2#

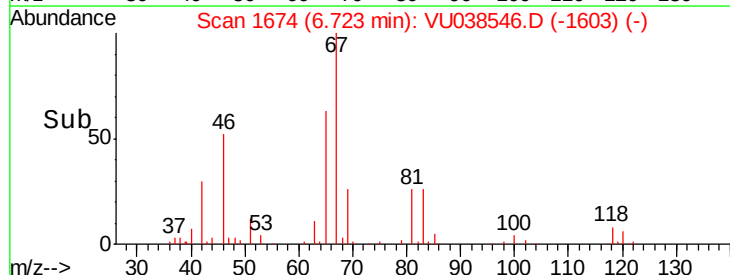
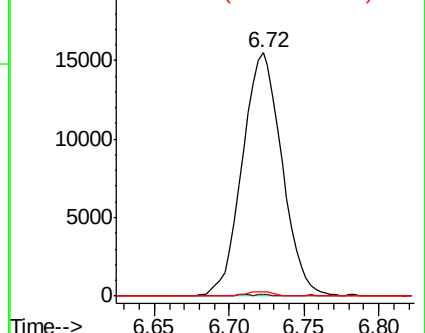
98 1.2 39.0 58.4#

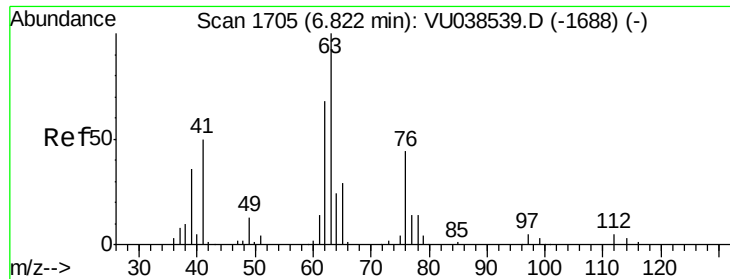


Abundance Ion 83.15 (82.85 to 83.85): VU038539.D (-1684) (-)

Ion 55.10 (54.80 to 55.80): VU038539.D (-1684) (-)

Ion 98.15 (97.85 to 98.85): VU038539.D (-1684) (-)

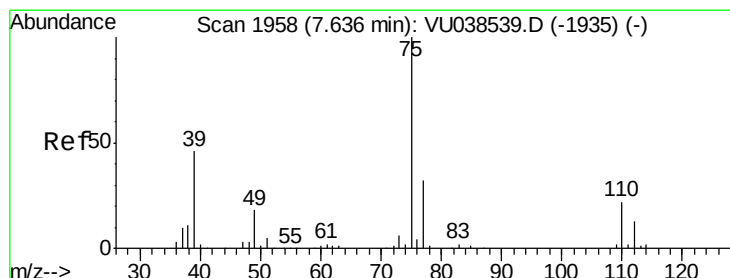
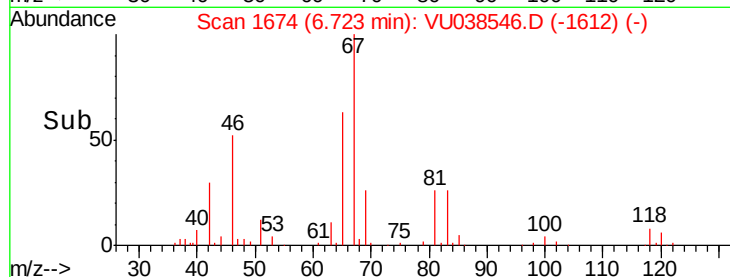
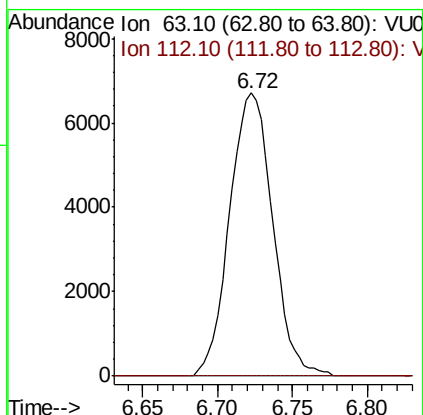
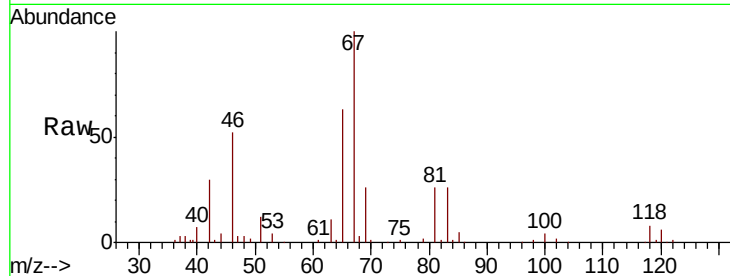




#37
 1,2-Dichloropropane
 Concen: 0.532 ug/L
 RT: 6.72 min Scan# 1674
 Delta R.T. -0.10 min
 Lab File: VU038546.D
 Acq: 04 Jun 2020 14:10

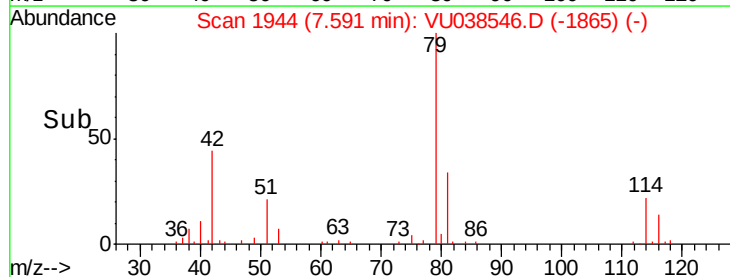
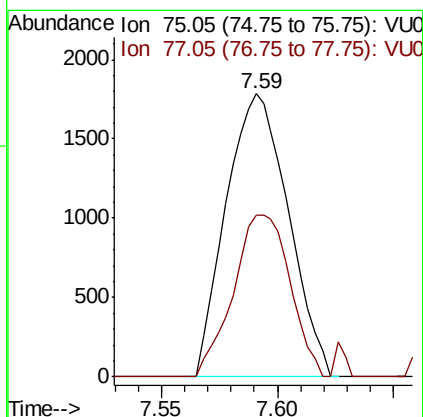
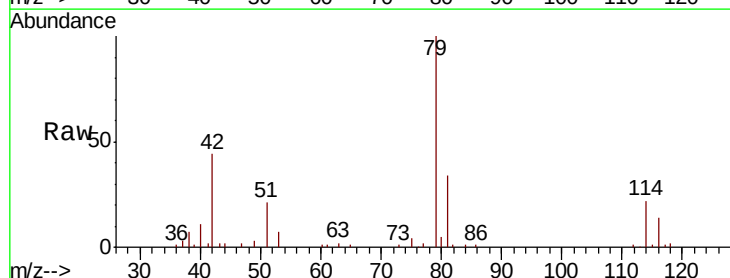
Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

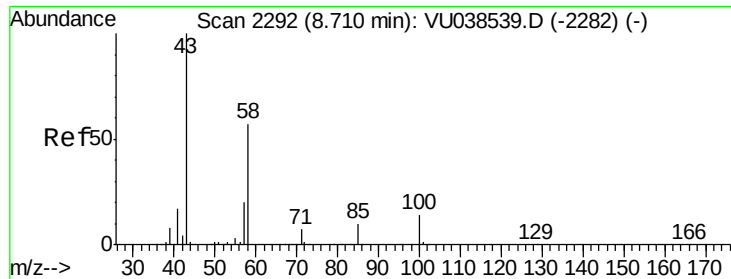
Tot Ion: 63 Resp: 13466
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.7 5.5#



#39
 cis-1,3-Dichloropropene
 Concen: 0.089 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.04 min
 Lab File: VU038546.D
 Acq: 04 Jun 2020 14:10

Tgt Ion: 75 Resp: 3325
 Ion Ratio Lower Upper
 75 100
 77 57.3 21.9 40.7#

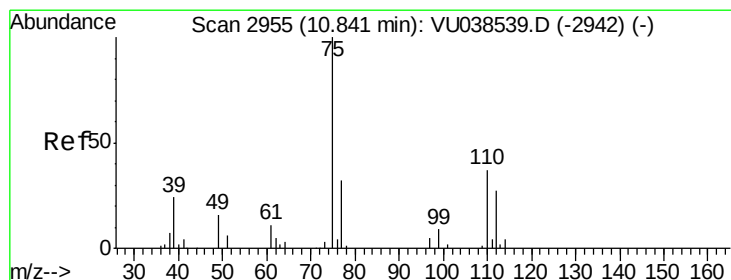
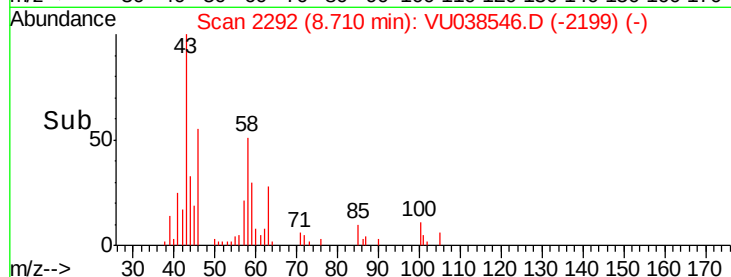
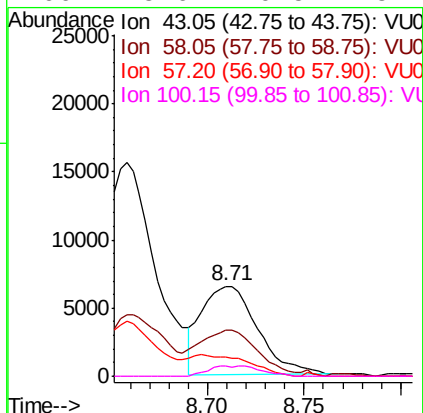
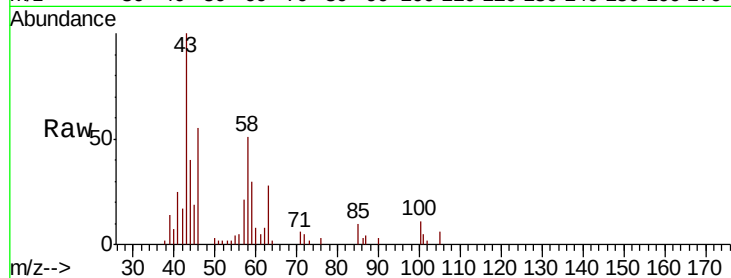




#48
2-Hexanone
Concen: 0.954 ug/L
RT: 8.71 min Scan# 2292
Delta R.T. 0.00 min
Lab File: VU038546.D
Acq: 04 Jun 2020 14:10

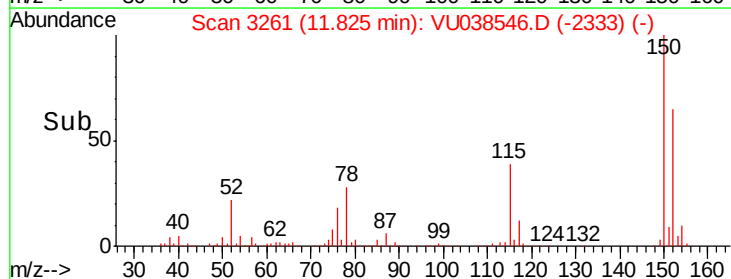
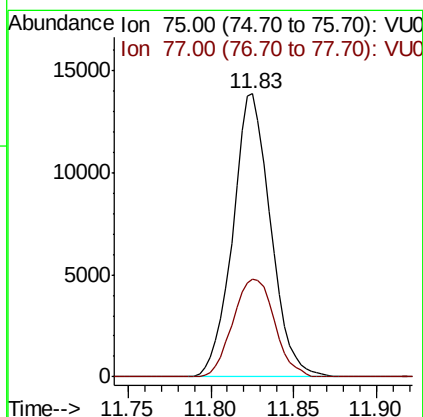
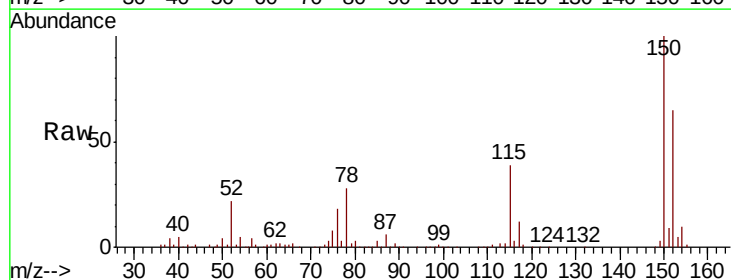
Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

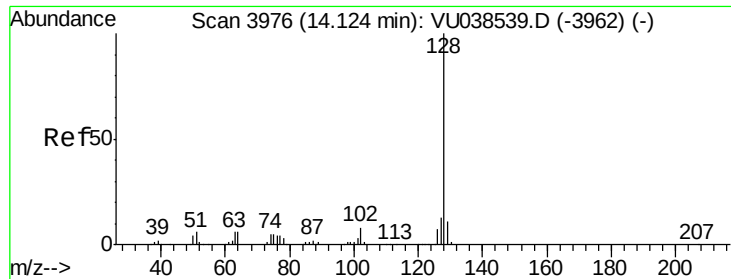
Tot Ion: 43 Resp: 13087
Ion Ratio Lower Upper
43 100
58 55.4 45.4 68.0
57 25.4 15.9 23.9#
100 5.6 10.5 15.7#



#59
1,2,3-Trichloropropane
Concen: 1.163 ug/L
RT: 11.83 min Scan# 3261
Delta R.T. 0.98 min
Lab File: VU038546.D
Acq: 04 Jun 2020 14:10

Tgt Ion: 75 Resp: 21968
Ion Ratio Lower Upper
75 100
77 38.0 25.4 38.2





#69

Naphthalene

Concen: 0.542 ug/L

RT: 14.12 min Scan# 3974

Delta R.T. -0.01 min

Lab File: VU038546.D

Acq: 04 Jun 2020 14:10

Instrument :

MSVOA_U

ClientSampleId :

VHBLK01

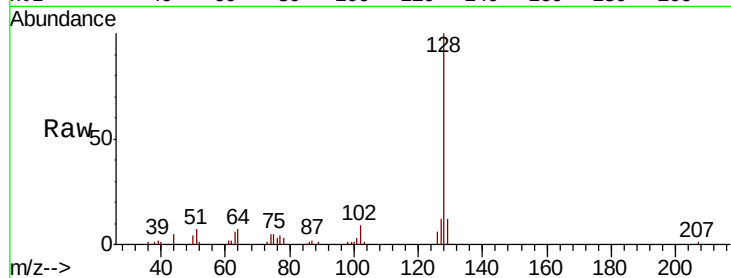
Tot Ion:128 Resp: 37405

Ion Ratio Lower Upper

128 100

129 11.4 8.9 13.3

127 12.9 10.2 15.4



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

