

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU081320\
 Data File : VU039848.D
 Acq On : 13 Aug 2020 14:05
 Operator : SY/MD
 Sample : L3647-01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 CB7H5

Quant Time: Aug 14 01:48:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR080320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Aug 14 01:47:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.27	114	76000	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	76943	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	35981	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	19154	4.67	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.40%
7) Chloroethane-d5	1.93	69	19235	4.33	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.60%
11) 1,1-Dichloroethene-d2	2.58	63	26618	3.22	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.40%
20) 2-Butanone-d5	4.66	46	77825	43.12	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.24%
24) Chloroform-d	5.09	84	42863	4.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.60%
26) 1,2-Dichloroethane-d4	5.72	65	28210	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.40%
32) Benzene-d6	5.75	84	81522	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.20%
36) 1,2-Dichloropropane-d6	6.71	67	27737	4.42	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.40%
41) Toluene-d8	7.91	98	64271	3.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.20%
43) trans-1,3-Dichloropropene-	8.19	79	10069	4.19	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.80%
46) 2-Hexanone-d5	8.64	63	56349	43.32	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.64%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	24900	4.09	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	81.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	28619	4.65	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.00%

Target Compounds

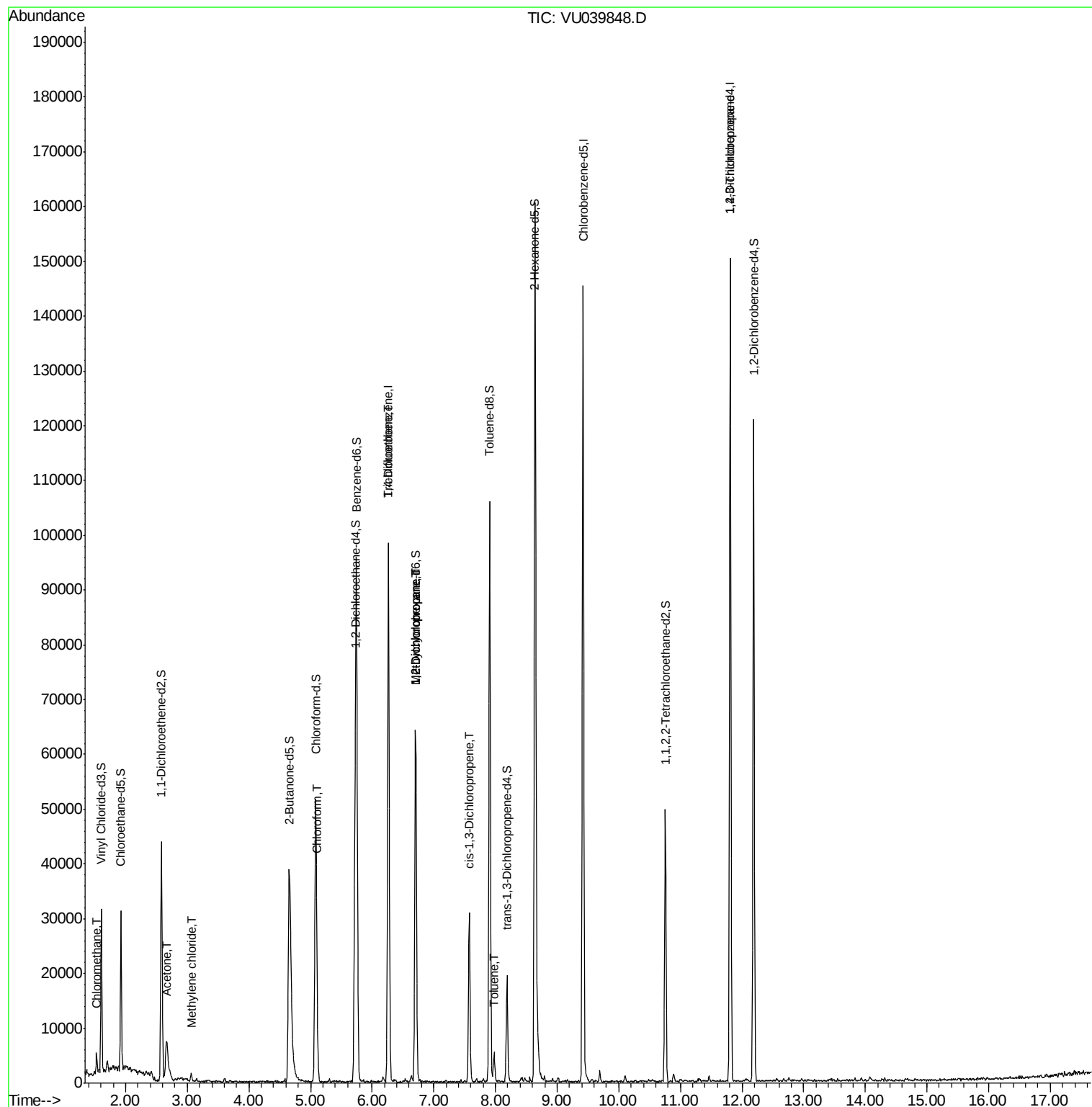
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.53	50	2527	0.392	ug/L #	79
13) Acetone	2.66	43	14267	13.407	ug/L	79
16) Methylene chloride	3.07	84	492	0.067	ug/L	87
25) Chloroform	5.11	83	3230	0.322	ug/L	96
34) Trichloroethene	6.27	95	1517	0.279	ug/L #	4
35) Methylcyclohexane	6.71	83	6499	0.748	ug/L #	19
37) 1,2-Dichloropropane	6.70	63	3688	0.662	ug/L #	86
39) cis-1,3-Dichloropropene	7.57	75	821	0.108	ug/L #	81
42) Toluene	7.98	91	3866	0.175	ug/L	84
59) 1,2,3-Trichloropropane	11.81	75	5392	1.343	ug/L	92

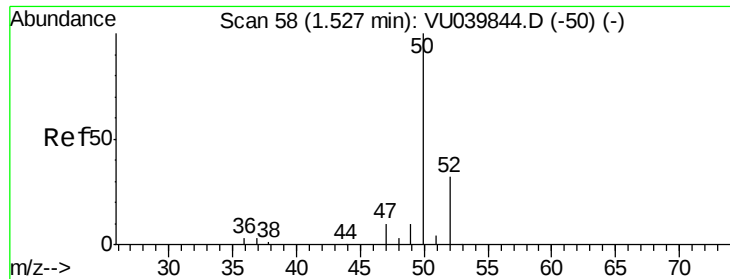
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#3

Chloromethane

Concen: 0.392 ug/L

RT: 1.53 min Scan# 59

Delta R.T. 0.00 min

Lab File: VU039848.D

Acq: 13 Aug 2020 14:05

Instrument :

MSVOA_U

ClientSampleId :

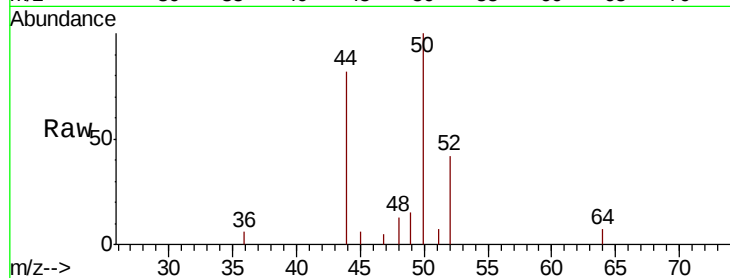
CB7H5

Tot Ion: 50 Resp: 2527

Ion Ratio Lower Upper

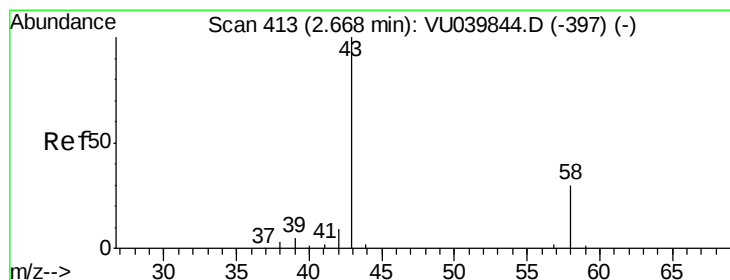
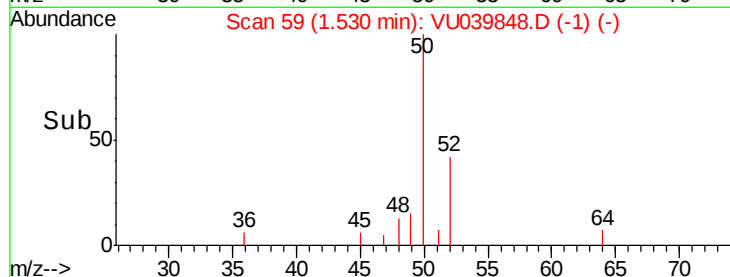
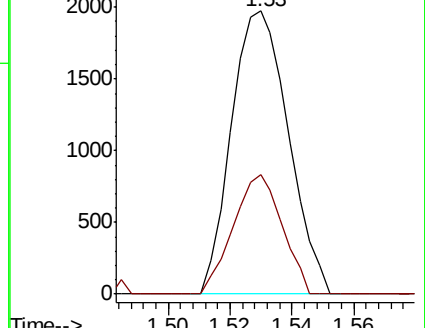
50 100

52 42.2 21.6 40.0#



Abundance Ion 50.05 (49.75 to 50.75): VU039848.D (-50) (-)

Ion 52.05 (51.75 to 52.75): VU039848.D (-50) (-)



#13

Acetone

Concen: 13.407 ug/L

RT: 2.66 min Scan# 412

Delta R.T. -0.00 min

Lab File: VU039848.D

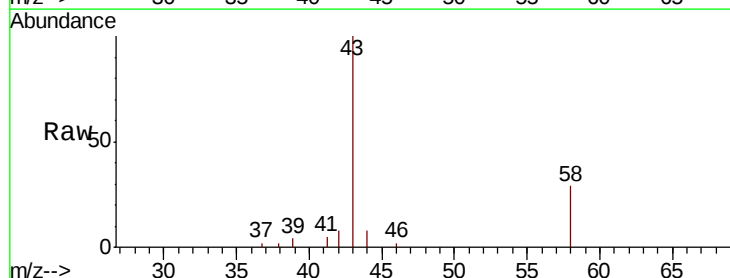
Acq: 13 Aug 2020 14:05

Tgt Ion: 43 Resp: 14267

Ion Ratio Lower Upper

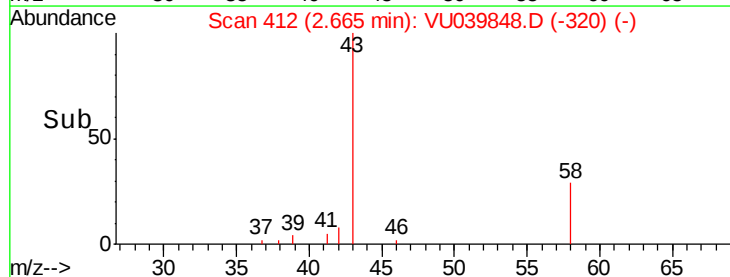
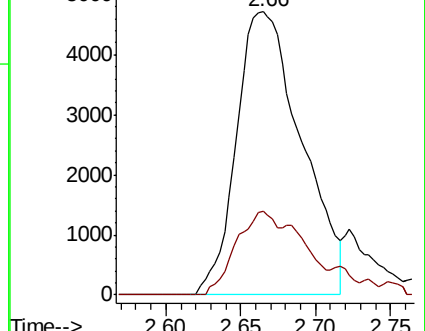
43 100

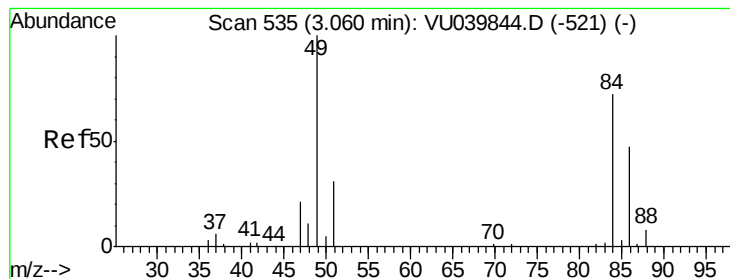
58 19.4 0.0 61.8



Abundance Ion 43.05 (42.75 to 43.75): VU039848.D (-397) (-)

Ion 58.05 (57.75 to 58.75): VU039848.D (-397) (-)





#16

Methylene chloride

Concen: 0.067 ug/L

RT: 3.07 min Scan# 537

Delta R.T. 0.01 min

Lab File: VU039848.D

Acq: 13 Aug 2020 14:05

Instrument :

MSVOA_U

ClientSampleId :

CB7H5

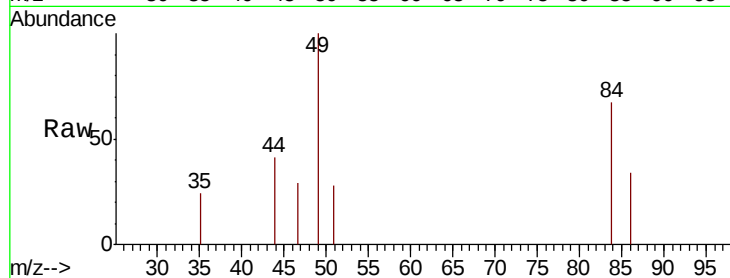
Tot Ion: 84 Resp: 492

Ion Ratio Lower Upper

84 100

86 50.7 43.9 81.5

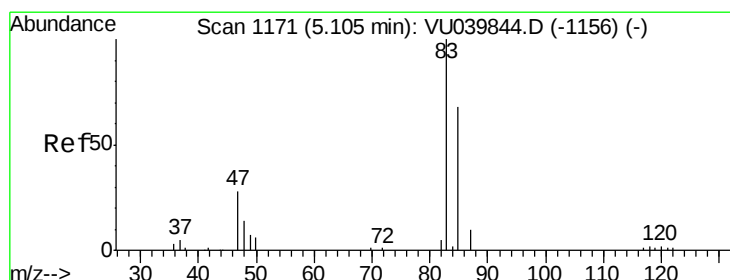
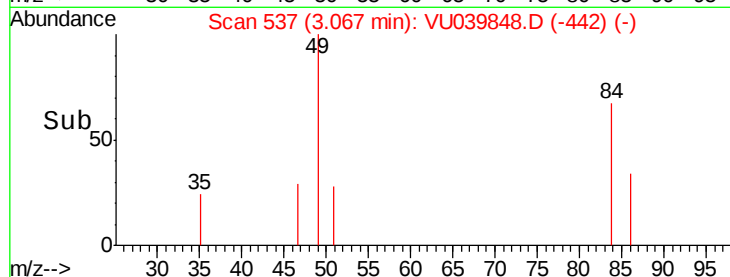
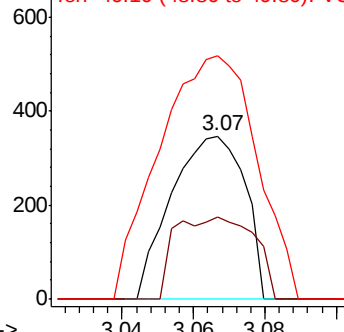
49 149.3 94.4 175.4



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



#25

Chloroform

Concen: 0.322 ug/L

RT: 5.11 min Scan# 1172

Delta R.T. 0.00 min

Lab File: VU039848.D

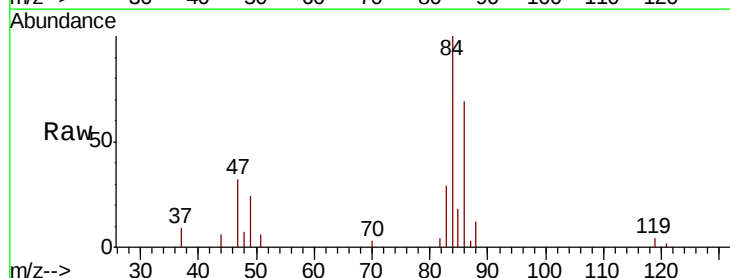
Acq: 13 Aug 2020 14:05

Tgt Ion: 83 Resp: 3230

Ion Ratio Lower Upper

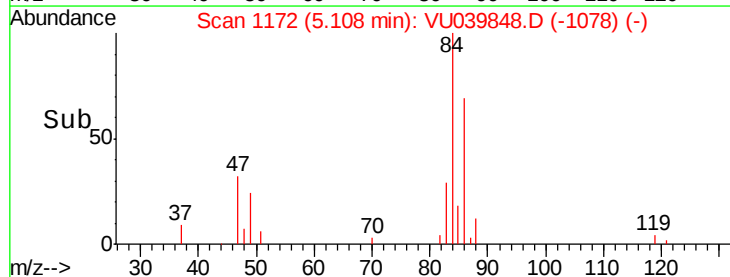
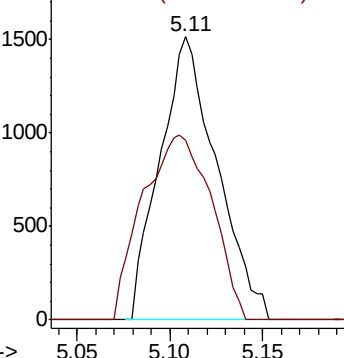
83 100

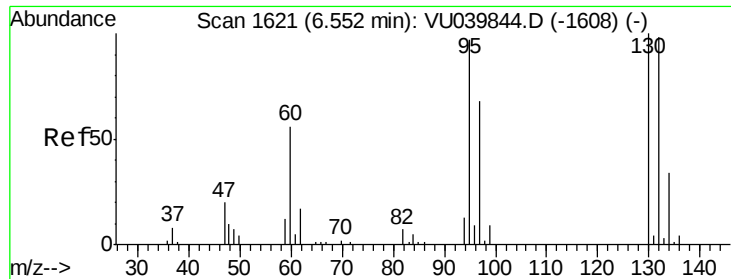
85 63.5 42.1 78.3



Abundance Ion 83.05 (82.75 to 83.75): VU0

Ion 85.00 (84.70 to 85.70): VU0

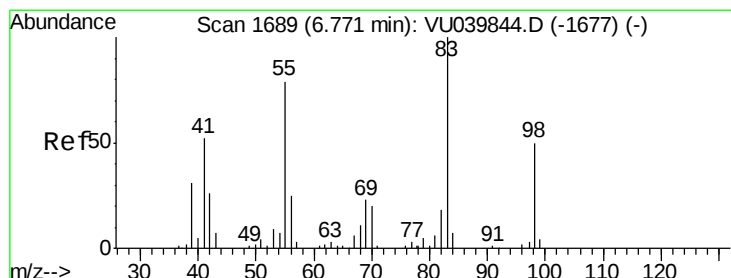
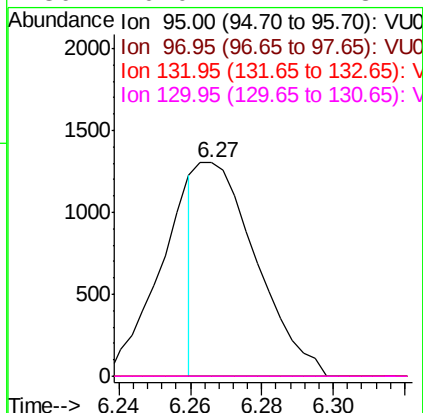
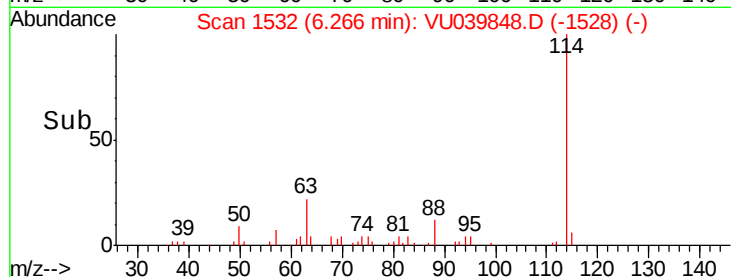
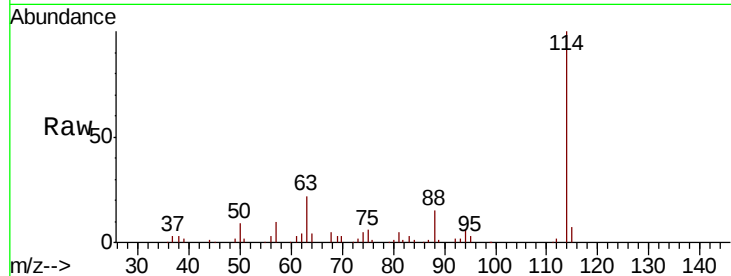




#34
 Trichloroethene
 Concen: 0.279 ug/L
 RT: 6.27 min Scan# 1532
 Delta R.T. -0.29 min
 Lab File: VU039848.D
 Acq: 13 Aug 2020 14:05

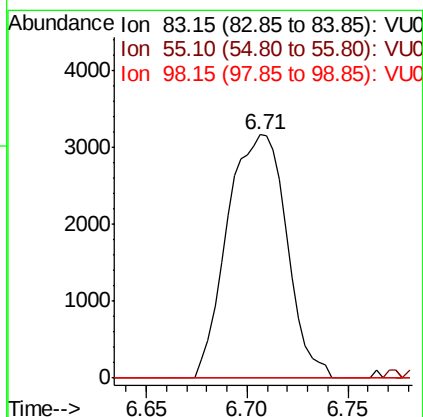
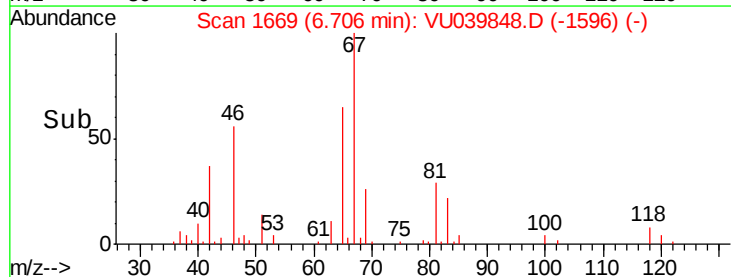
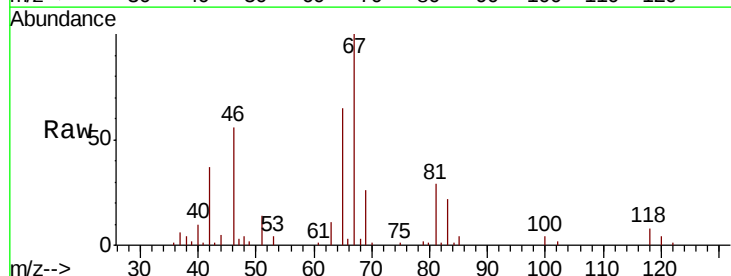
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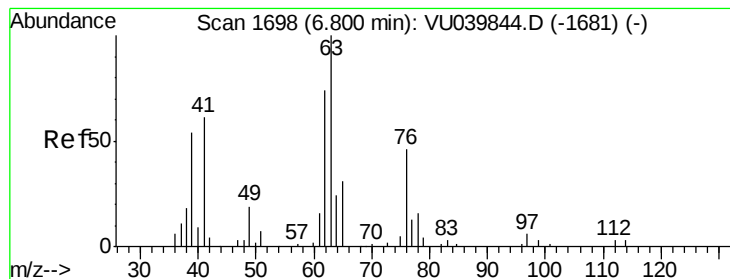
Tot Ion: 95 Resp: 1517
 Ion Ratio Lower Upper
 95 100
 97 0.0 44.0 81.8#
 132 0.0 71.7 133.3#
 130 0.0 71.1 132.1#



#35
 Methylcyclohexane
 Concen: 0.748 ug/L
 RT: 6.71 min Scan# 1669
 Delta R.T. -0.06 min
 Lab File: VU039848.D
 Acq: 13 Aug 2020 14:05

Tgt Ion: 83 Resp: 6499
 Ion Ratio Lower Upper
 83 100
 55 0.6 59.4 89.0#
 98 0.3 39.0 58.4#





#37

1,2-Dichloropropane

Concen: 0.662 ug/L

RT: 6.70 min Scan# 1668

Delta R.T. -0.10 min

Lab File: VU039848.D

Acq: 13 Aug 2020 14:05

Instrument :

MSVOA_U

ClientSampleId :

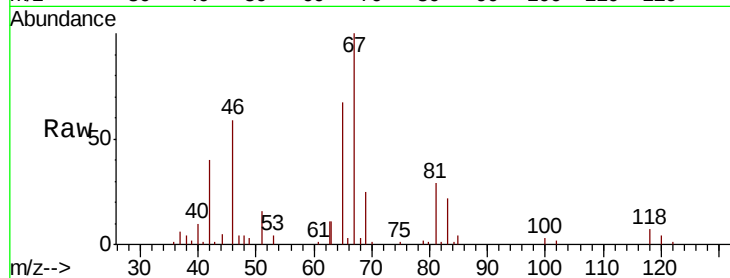
CB7H5

Tot Ion: 63 Resp: 3688

Ion Ratio Lower Upper

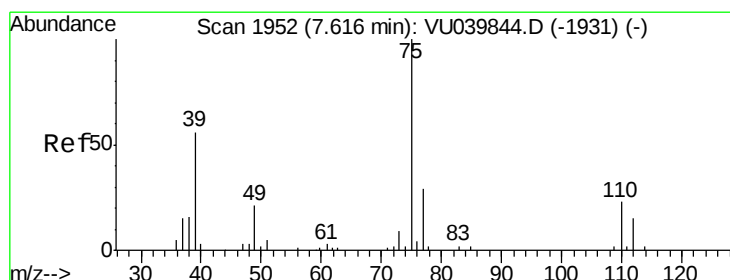
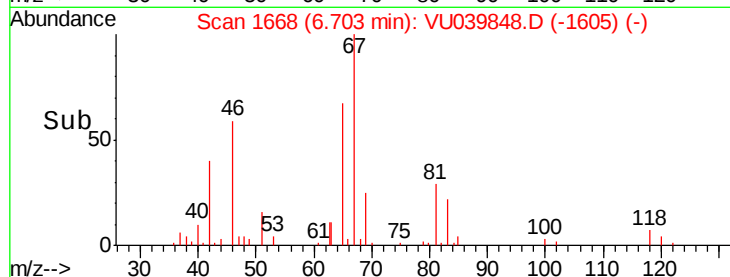
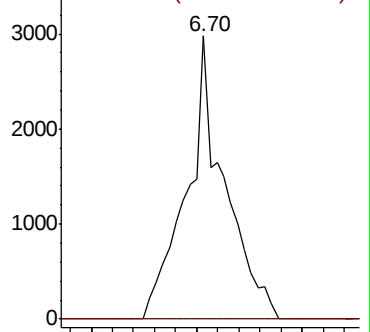
63 100

112 0.0 3.8 5.6#



Abundance Ion 63.10 (62.80 to 63.80): VU039844.D (-1681) (-)

Ion 112.10 (111.80 to 112.80): VU039844.D (-1681) (-)



#39

cis-1,3-Dichloropropene

Concen: 0.108 ug/L

RT: 7.57 min Scan# 1939

Delta R.T. -0.04 min

Lab File: VU039848.D

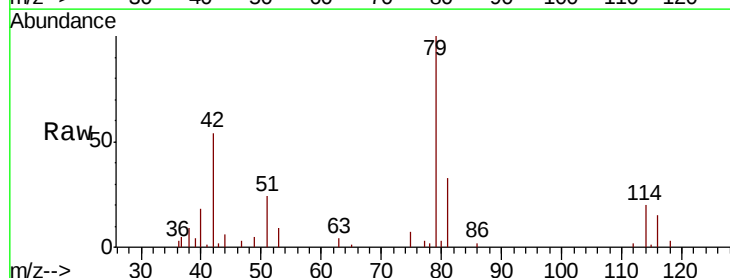
Acq: 13 Aug 2020 14:05

Tgt Ion: 75 Resp: 821

Ion Ratio Lower Upper

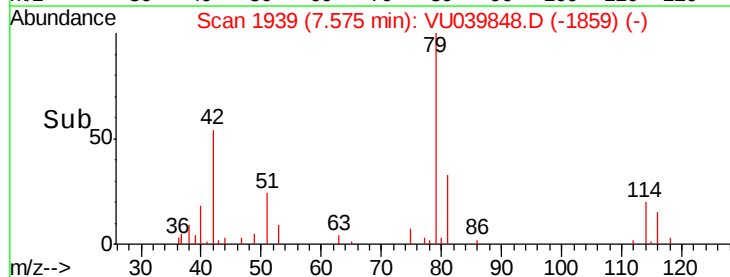
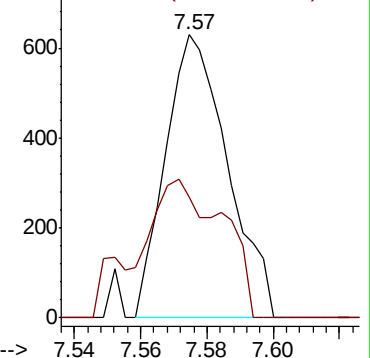
75 100

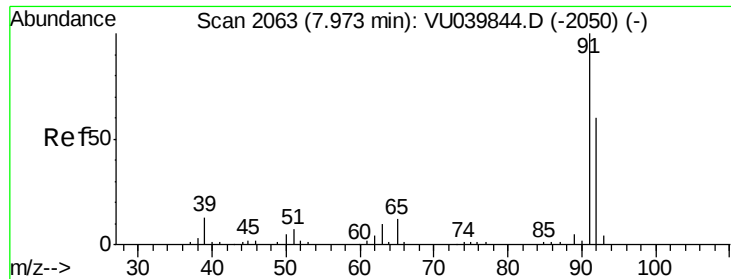
77 42.8 22.4 41.6#



Abundance Ion 75.05 (74.75 to 75.75): VU039844.D (-1931) (-)

Ion 77.05 (76.75 to 77.75): VU039844.D (-1931) (-)





#42

Toluene

Concen: 0.175 ug/L

RT: 7.98 min Scan# 2064

Delta R.T. 0.00 min

Lab File: VU039848.D

Acq: 13 Aug 2020 14:05

Instrument :

MSVOA_U

ClientSampleId :

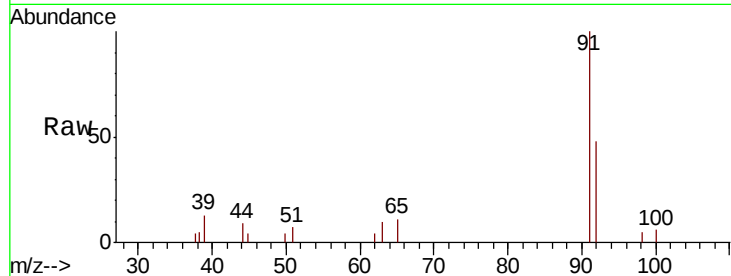
CB7H5

Tot Ion: 91 Resp: 3866

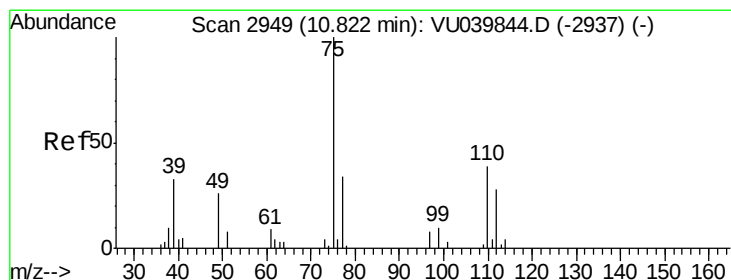
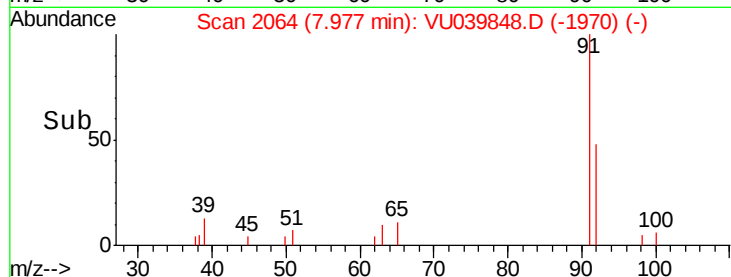
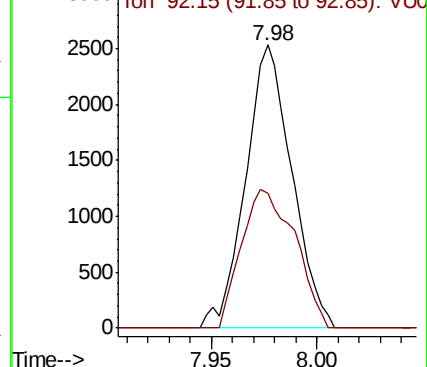
Ion Ratio Lower Upper

91 100

92 47.8 41.6 77.3



Abundance Ion 91.15 (90.85 to 91.85): VU039844.D (-2050) (-)



#59

1,2,3-Trichloropropane

Concen: 1.343 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU039848.D

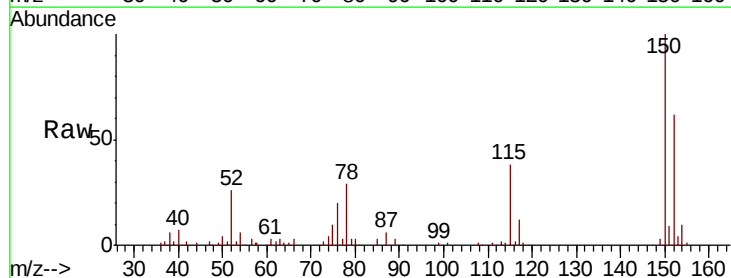
Acq: 13 Aug 2020 14:05

Tgt Ion: 75 Resp: 5392

Ion Ratio Lower Upper

75 100

77 35.0 24.6 37.0



Abundance Ion 75.00 (74.70 to 75.70): VU039844.D (-2937) (-)

