

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070820\
 Data File : VU039357.D
 Acq On : 08 Jul 2020 19:02
 Operator : SY/MD
 Sample : L3243-03
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F4A65

Quant Time: Jul 09 02:34:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jul 09 02:29:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.27	114	112016	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	102368	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	49902	5.00	ug/L	0.00

System Monitoring Compounds

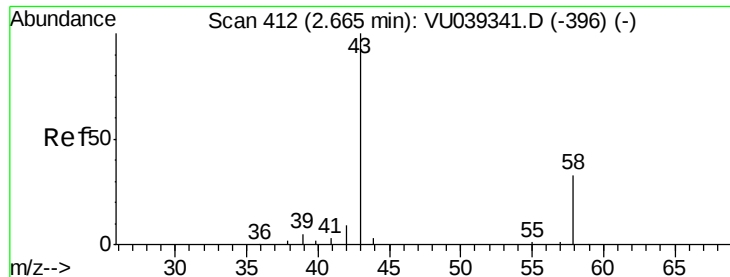
4) Vinyl Chloride-d3	1.61	65	27278	4.20	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.00%
7) Chloroethane-d5	1.93	69	29899	4.50	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.00%
11) 1,1-Dichloroethene-d2	2.58	63	43681	3.42	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.40%
20) 2-Butanone-d5	4.65	46	149403	50.29	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.58%
24) Chloroform-d	5.09	84	66743	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.60%
26) 1,2-Dichloroethane-d4	5.72	65	43161	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.40%
32) Benzene-d6	5.74	84	130302	5.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.80%
36) 1,2-Dichloropropane-d6	6.71	67	45435	5.25	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.00%
41) Toluene-d8	7.91	98	112670	5.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.40%
43) trans-1,3-Dichloropropene-	8.19	79	18113	4.74	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.80%
46) 2-Hexanone-d5	8.64	63	110257	48.61	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.22%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	40214	4.69	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	45362	5.09	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.80%

Target Compounds

					Ovalue
13) Acetone	2.66	43	3951	2.464 ug/L	89
34) Trichloroethene	6.27	95	2327	0.294 ug/L #	7
35) Methylcyclohexane	6.71	83	9725	0.767 ug/L #	18
37) 1,2-Dichloropropane	6.71	63	5014	0.601 ug/L #	91
39) cis-1,3-Dichloropropene	7.58	75	1404	0.111 ug/L #	55
48) 2-Hexanone	8.70	43	5121	0.998 ug/L #	90
59) 1,2,3-Trichloropropane	11.81	75	7936	1.291 ug/L	98

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

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ALS Vial : 1 Sample Multiplier: 1



#13

Acetone

Concen: 2.464 ug/L

RT: 2.66 min Scan# 410

Delta R.T. -0.01 min

Lab File: VU039357.D

Acq: 08 Jul 2020 19:02

Instrument :

MSVOA_U

ClientSampled :

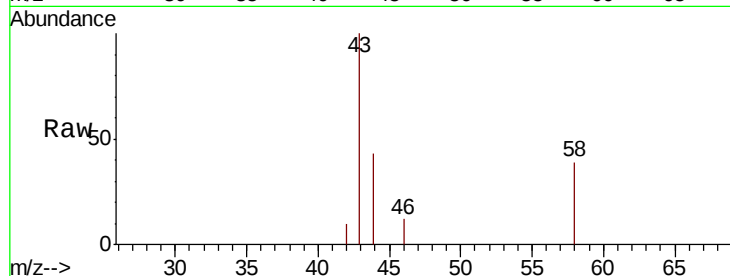
F4A65

Tot Ion: 43 Resp: 3951

Ion Ratio Lower Upper

43 100

58 25.1 0.0 62.8



Abundance Ion 43.05 (42.75 to 43.75): VU039341.D (-396) (-)

Ion 58.05 (57.75 to 58.75): VU039341.D (-396) (-)

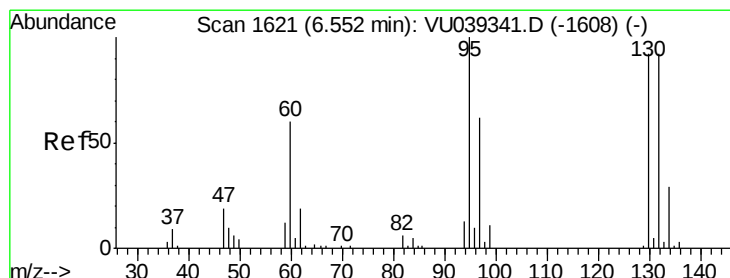
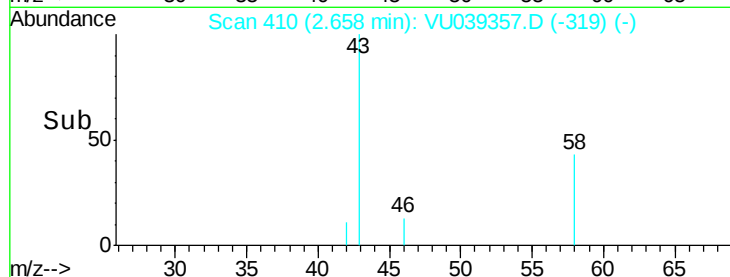
2.66

1000

500

0

Time-->



#34

Trichloroethene

Concen: 0.294 ug/L

RT: 6.27 min Scan# 1532

Delta R.T. -0.29 min

Lab File: VU039357.D

Acq: 08 Jul 2020 19:02

Tgt Ion: 95 Resp: 2327

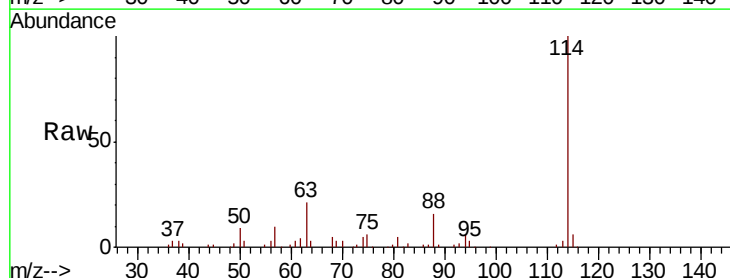
Ion Ratio Lower Upper

95 100

97 0.0 46.3 85.9#

132 0.0 64.0 118.8#

130 0.0 64.3 119.5#



Abundance Ion 95.00 (94.70 to 95.70): VU039341.D (-1608) (-)

Ion 96.95 (96.65 to 97.65): VU039341.D (-1608) (-)

Ion 131.95 (131.65 to 132.65): VU039341.D (-1608) (-)

Ion 129.95 (129.65 to 130.65): VU039341.D (-1608) (-)

3000

2500

2000

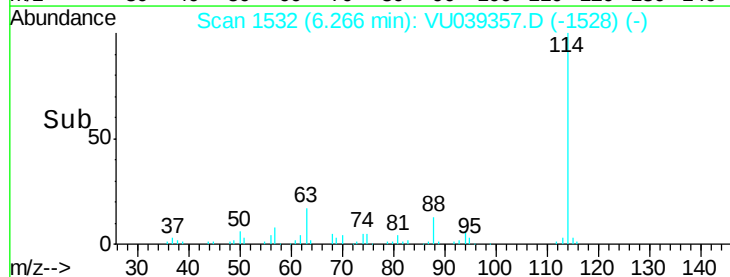
1500

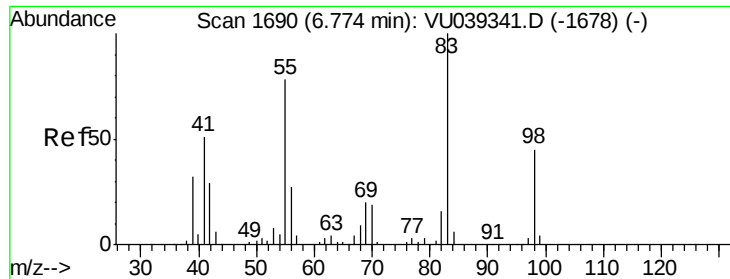
1000

500

0

Time-->

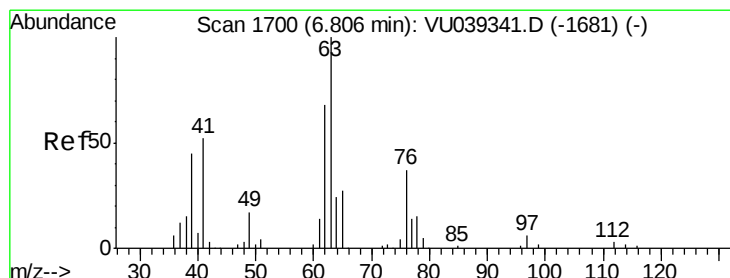
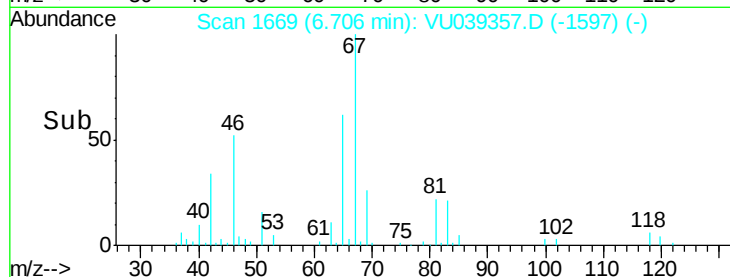
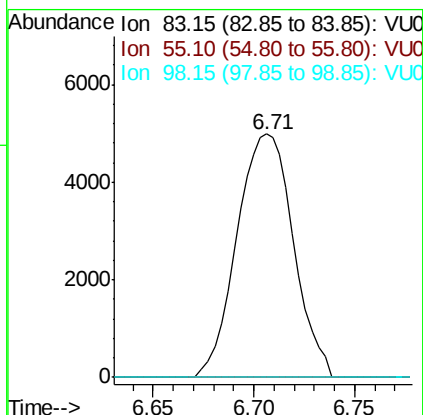
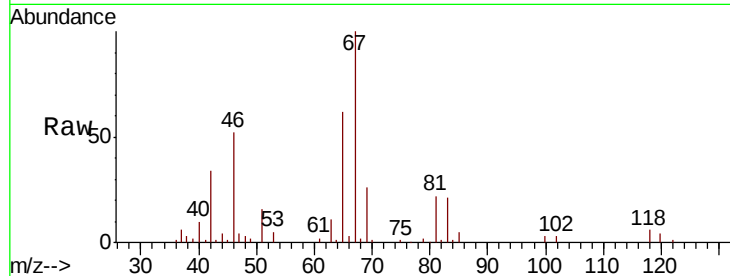




#35
Methylcyclohexane
Concen: 0.767 ug/L
RT: 6.71 min Scan# 1669
Delta R.T. -0.07 min
Lab File: VU039357.D
Acq: 08 Jul 2020 19:02

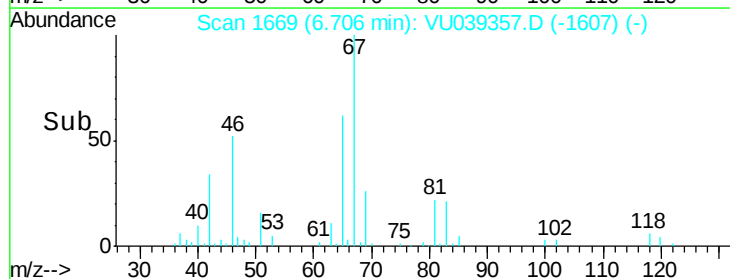
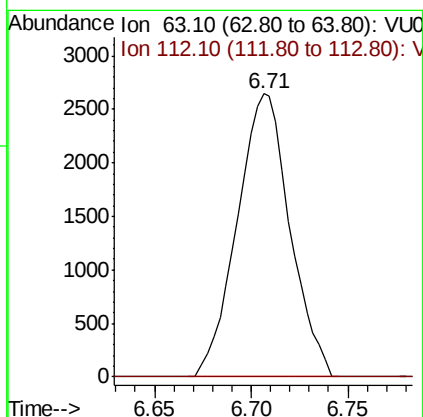
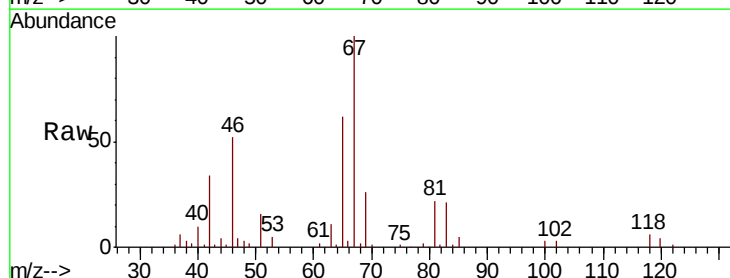
Instrument :
MSVOA_U
ClientSampleId :
F4A65

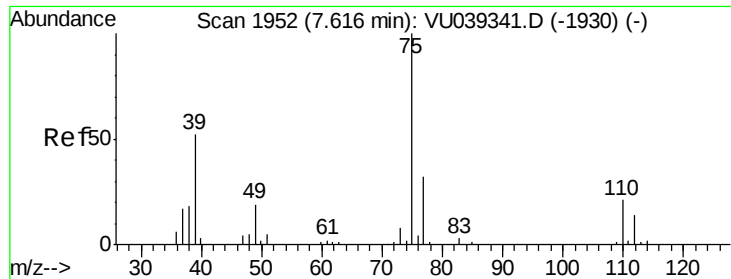
Tot Ion: 83 Resp: 9725
Ion Ratio Lower Upper
83 100
55 0.0 62.1 93.1#
98 0.0 35.9 53.9#



#37
1,2-Dichloropropane
Concen: 0.601 ug/L
RT: 6.71 min Scan# 1669
Delta R.T. -0.10 min
Lab File: VU039357.D
Acq: 08 Jul 2020 19:02

Tgt Ion: 63 Resp: 5014
Ion Ratio Lower Upper
63 100
112 0.0 2.5 3.7#

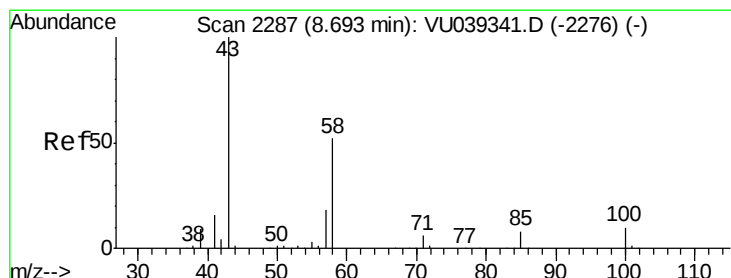
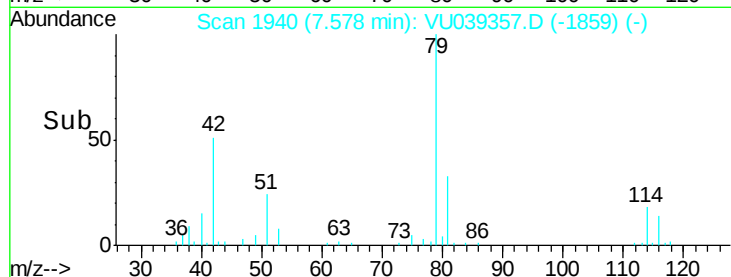
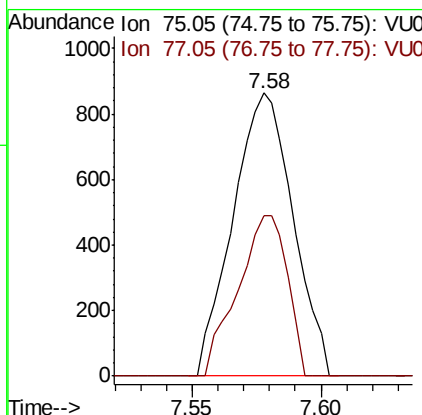
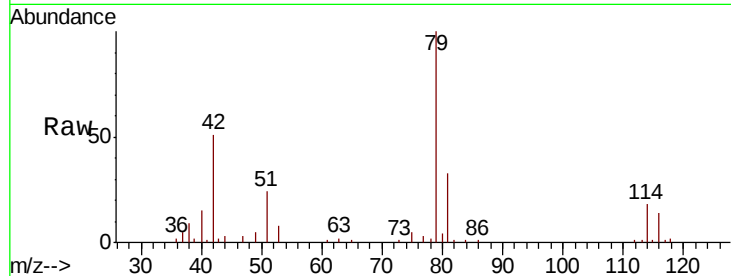




#39
 cis-1,3-Dichloropropene
 Concen: 0.111 ug/L
 RT: 7.58 min Scan# 1940
 Delta R.T. -0.04 min
 Lab File: VU039357.D
 Acq: 08 Jul 2020 19:02

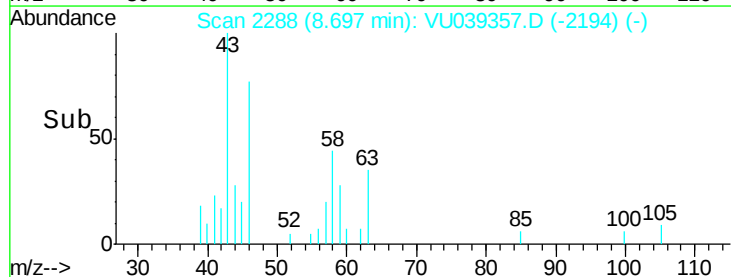
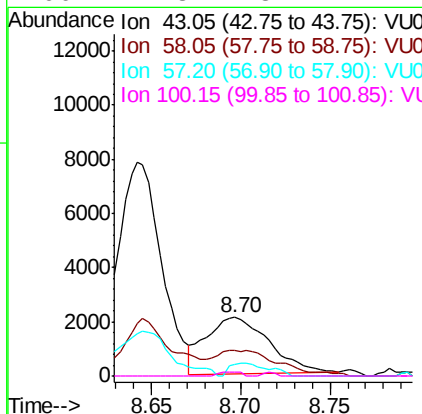
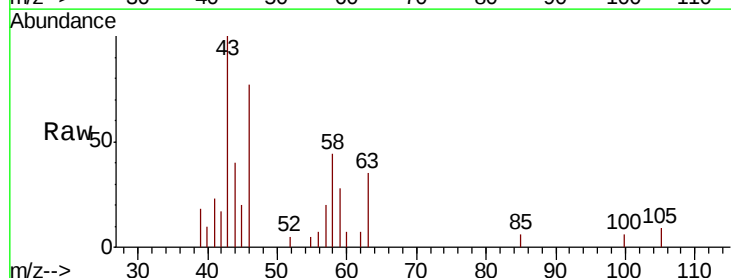
Instrument :
 MSVOA_U
 ClientSampleID :
 F4A65

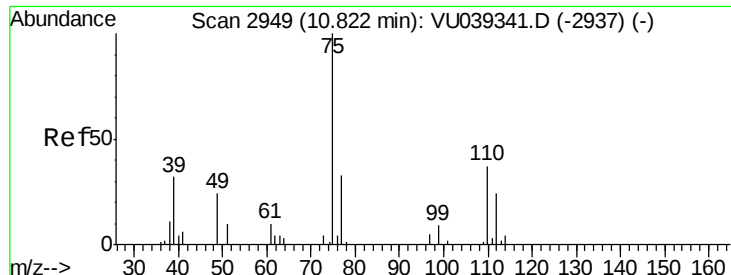
Tot Ion: 75 Resp: 1404
 Ion Ratio Lower Upper
 75 100
 77 56.6 22.3 41.3#



#48
 2-Hexanone
 Concen: 0.998 ug/L
 RT: 8.70 min Scan# 2288
 Delta R.T. 0.00 min
 Lab File: VU039357.D
 Acq: 08 Jul 2020 19:02

Tgt Ion: 43 Resp: 5121
 Ion Ratio Lower Upper
 43 100
 58 46.3 42.0 63.0
 57 14.0 14.0 21.0
 100 2.3 8.2 12.2#





#59

1,2,3-Trichloropropane

Concen: 1.291 ug/L

RT: 11.81 min Scan# 3256

Delta R.T. 0.99 min

Lab File: VU039357.D

Acq: 08 Jul 2020 19:02

Instrument :

MSVOA_U

ClientSampleId :

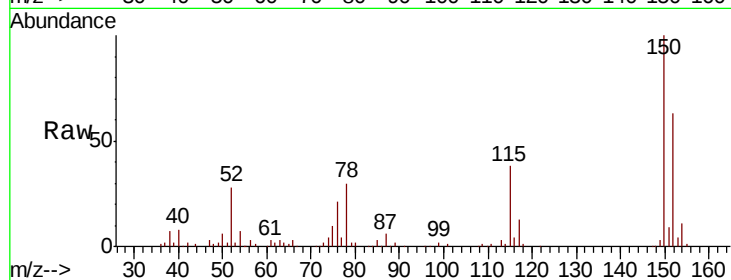
F4A65

Tot Ion: 75 Resp: 7936

Ion Ratio Lower Upper

75 100

77 34.9 26.8 40.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

