

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080820\
 Data File : VU039808.D
 Acq On : 08 Aug 2020 14:06
 Operator : SY/MD
 Sample : L3617-05
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 10 01:20:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR080320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Aug 10 01:16:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.27	114	85150	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	81157	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	40260	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	22728	4.94	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.80%
7) Chloroethane-d5	1.92	69	20486	4.12	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.40%
11) 1,1-Dichloroethene-d2	2.58	63	34339	3.71	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.20%
20) 2-Butanone-d5	4.66	46	74176	36.68	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	73.36%
24) Chloroform-d	5.09	84	42997	3.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	74.80%
26) 1,2-Dichloroethane-d4	5.72	65	26271	3.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.80%
32) Benzene-d6	5.75	84	86522	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.60%
36) 1,2-Dichloropropane-d6	6.70	67	27815	4.21	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.20%
41) Toluene-d8	7.91	98	73247	4.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.40%
43) trans-1,3-Dichloropropene-	8.19	79	8946	3.53	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	70.60%
46) 2-Hexanone-d5	8.64	63	53258	38.82	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	77.64%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	23056	3.59	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	71.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	30818	4.47	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.40%

Target Compounds

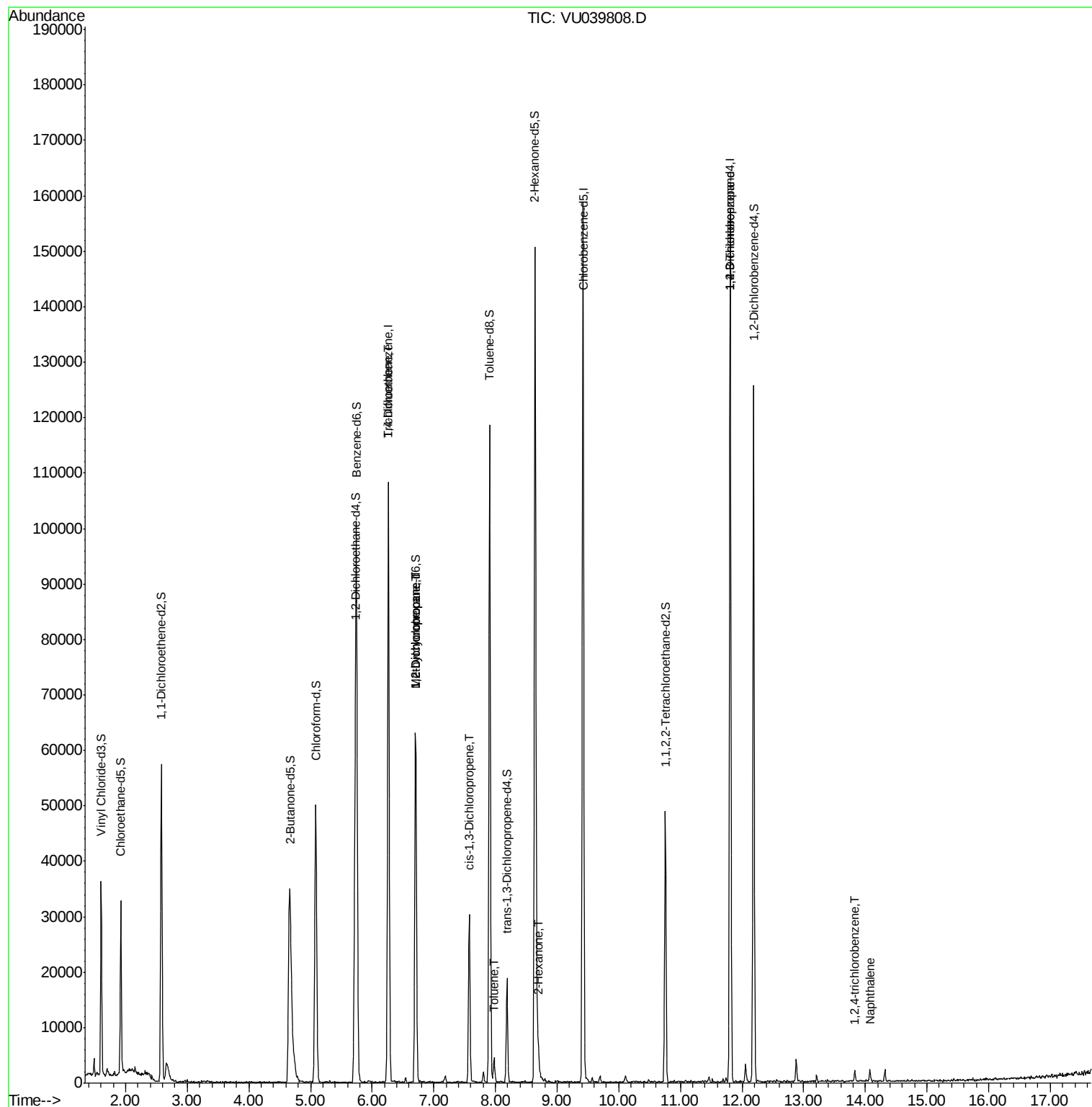
					Ovalue
34) Trichloroethene	6.27	95	1472	0.256 ug/L #	4
35) Methylcyclohexane	6.71	83	6944	0.758 ug/L #	19
37) 1,2-Dichloropropane	6.70	63	3303	0.562 ug/L #	86
39) cis-1,3-Dichloropropene	7.57	75	880	0.110 ug/L #	52
42) Toluene	7.98	91	3314	0.143 ug/L	80
48) 2-Hexanone	8.70	43	2897	0.914 ug/L #	48
59) 1,2,3-Trichloropropane	11.81	75	5316	1.255 ug/L #	81
68) 1,2,4-Trichlorobenzene	13.83	180	665	0.089 ug/L #	88
69) Naphthalene	14.08	128	2334	0.174 ug/L #	87

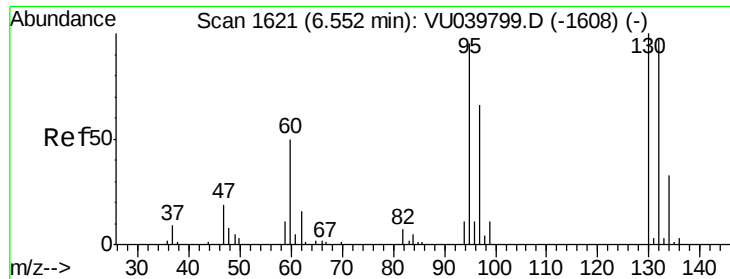
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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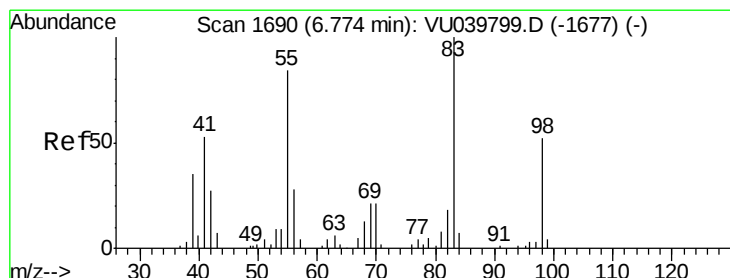
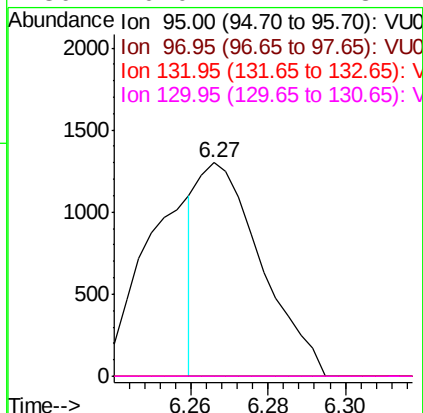
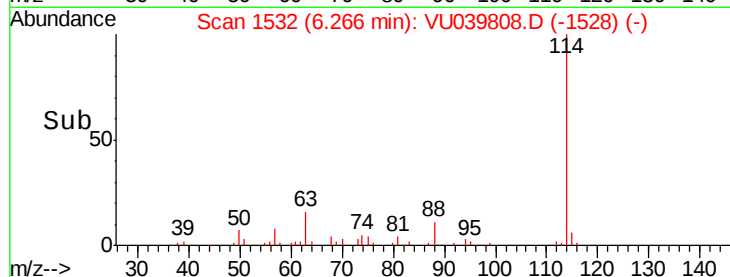
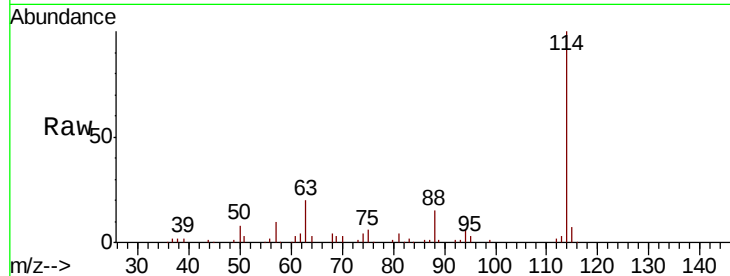




#34
 Trichloroethene
 Concen: 0.256 ug/L
 RT: 6.27 min Scan# 1532
 Delta R.T. -0.29 min
 Lab File: VU039808.D
 Acq: 08 Aug 2020 14:06

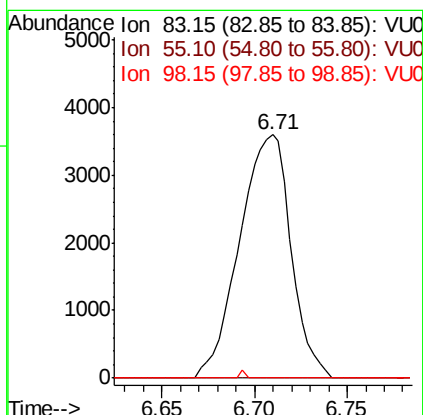
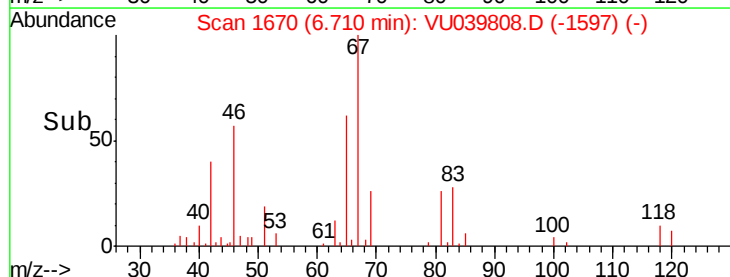
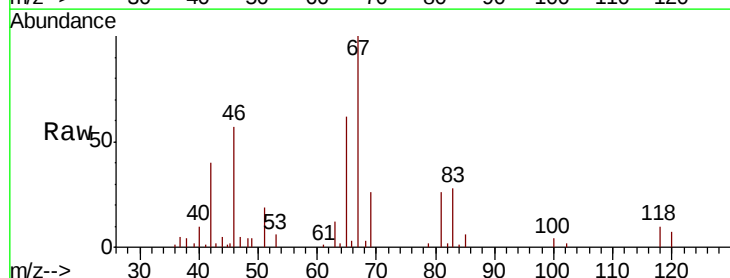
Instrument :
 MSVOA_U
 ClientSampleId :

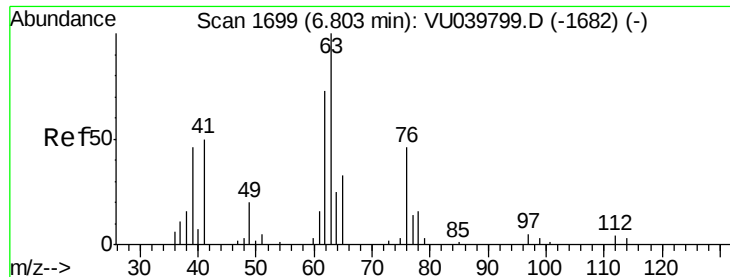
Tot Ion: 95 Resp: 1472
 Ion Ratio Lower Upper
 95 100
 97 0.0 44.0 81.8#
 132 0.0 71.7 133.3#
 130 0.0 71.1 132.1#



#35
 Methylcyclohexane
 Concen: 0.758 ug/L
 RT: 6.71 min Scan# 1670
 Delta R.T. -0.06 min
 Lab File: VU039808.D
 Acq: 08 Aug 2020 14:06

Tgt Ion: 83 Resp: 6944
 Ion Ratio Lower Upper
 83 100
 55 0.0 59.4 89.0#
 98 0.3 39.0 58.4#

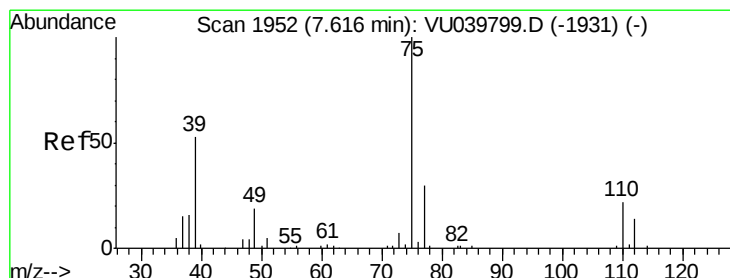
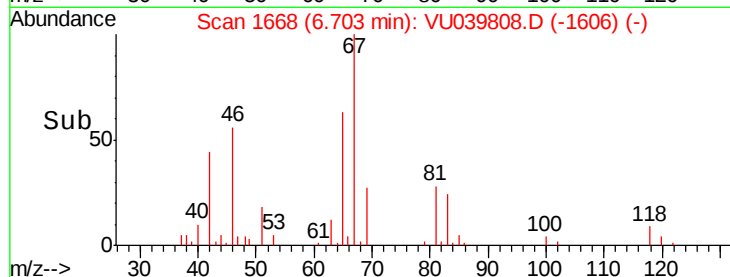
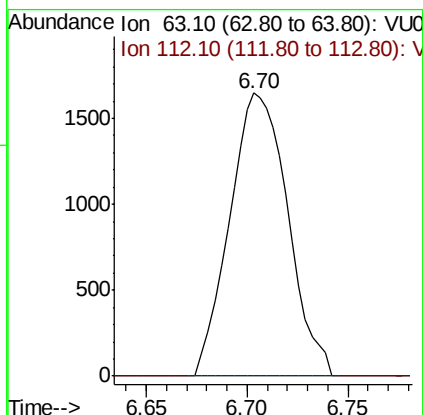
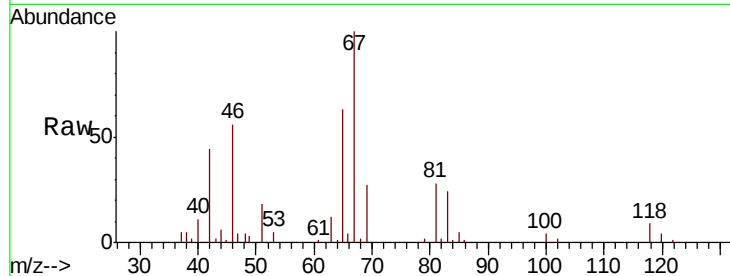




#37
 1,2-Dichloropropane
 Concen: 0.562 ug/L
 RT: 6.70 min Scan# 1668
 Delta R.T. -0.10 min
 Lab File: VU039808.D
 Acq: 08 Aug 2020 14:06

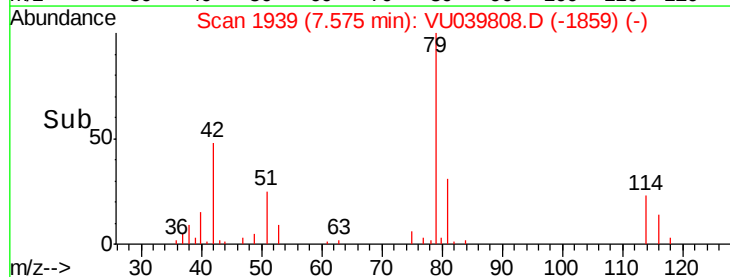
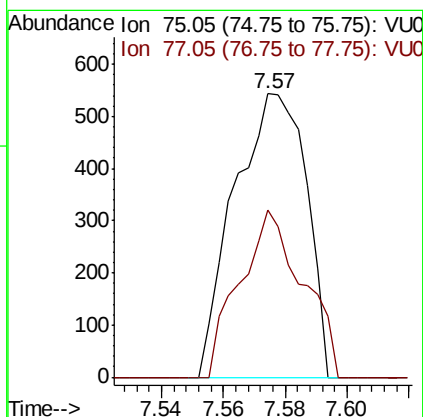
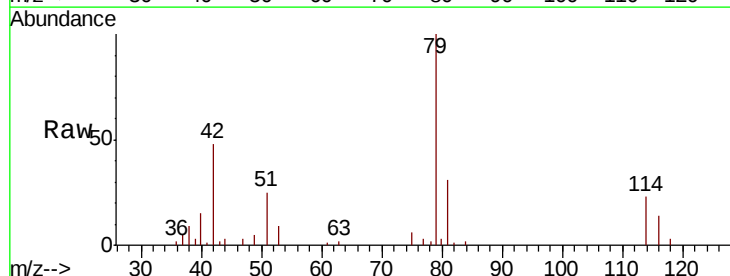
Instrument :
 MSVOA_U
 ClientSampled :

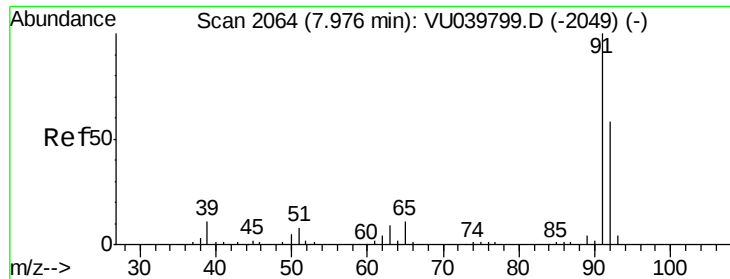
Tot Ion: 63 Resp: 3303
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.8 5.6#



#39
 cis-1,3-Dichloropropene
 Concen: 0.110 ug/L
 RT: 7.57 min Scan# 1939
 Delta R.T. -0.04 min
 Lab File: VU039808.D
 Acq: 08 Aug 2020 14:06

Tgt Ion: 75 Resp: 880
 Ion Ratio Lower Upper
 75 100
 77 58.9 22.4 41.6#





#42

Toluene

Concen: 0.143 ug/L

RT: 7.98 min Scan# 2064

Delta R.T. -0.00 min

Lab File: VU039808.D

Acq: 08 Aug 2020 14:06

Instrument :

MSVOA_U

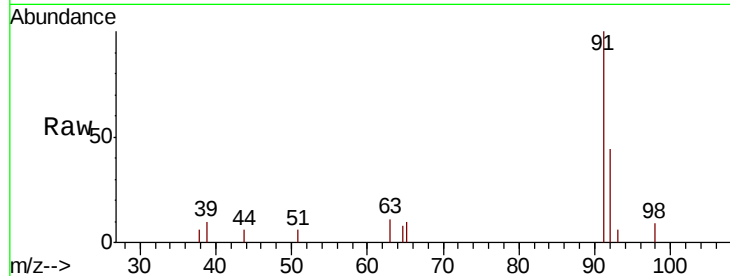
ClientSampled :

Tot Ion: 91 Resp: 3314

Ion Ratio Lower Upper

91 100

92 44.5 41.6 77.3



Abundance Ion 91.15 (90.85 to 91.85): VU039799.D (-2049) (-)

Ion 92.15 (91.85 to 92.85): VU039799.D (-2049) (-)

7.98

2500

2000

1500

1000

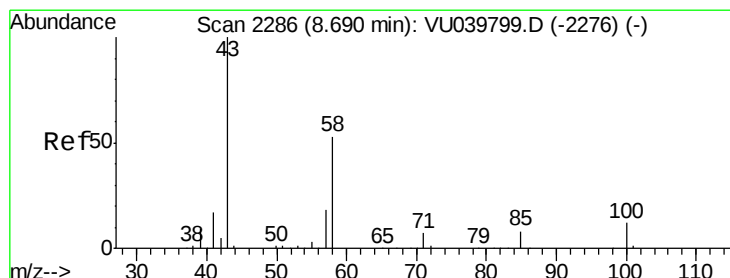
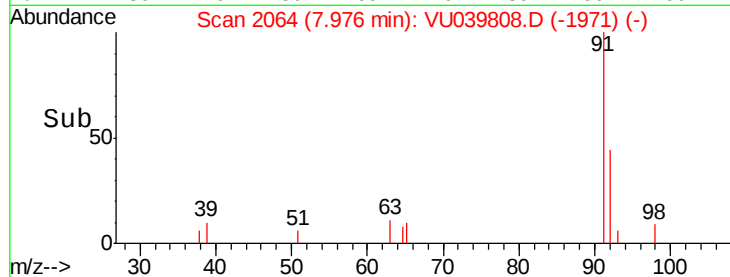
500

0

Time-->

7.95

8.00



#48

2-Hexanone

Concen: 0.914 ug/L

RT: 8.70 min Scan# 2289

Delta R.T. 0.01 min

Lab File: VU039808.D

Acq: 08 Aug 2020 14:06

Tgt Ion: 43 Resp: 2897

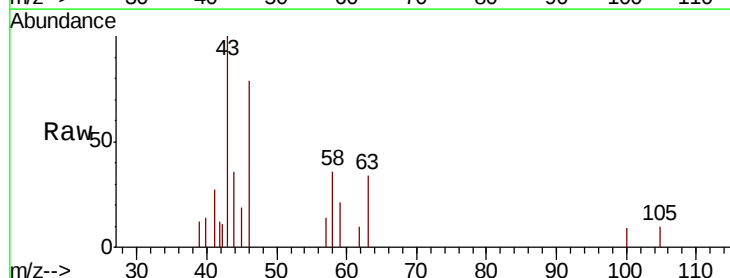
Ion Ratio Lower Upper

43 100

58 6.2 41.8 62.8#

57 0.0 14.2 21.4#

100 7.9 9.4 14.2#



Abundance Ion 43.05 (42.75 to 43.75): VU039799.D (-2276) (-)

Ion 58.05 (57.75 to 58.75): VU039799.D (-2276) (-)

Ion 57.20 (56.90 to 57.90): VU039799.D (-2276) (-)

Ion 100.15 (99.85 to 100.85): VU039799.D (-2276) (-)

6000

5000

4000

3000

2000

1000

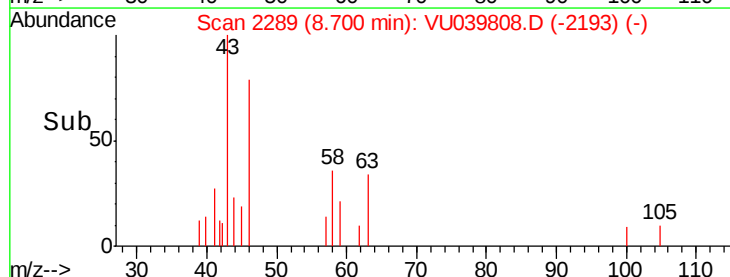
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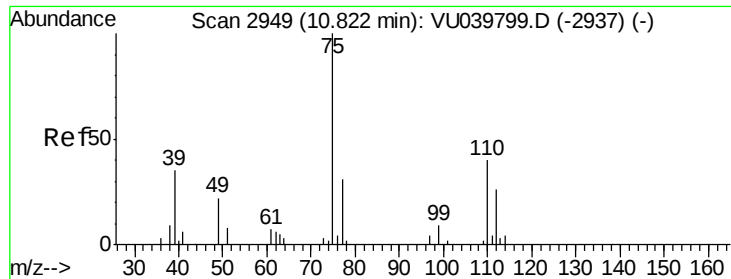
Time-->

8.65

8.70

8.75

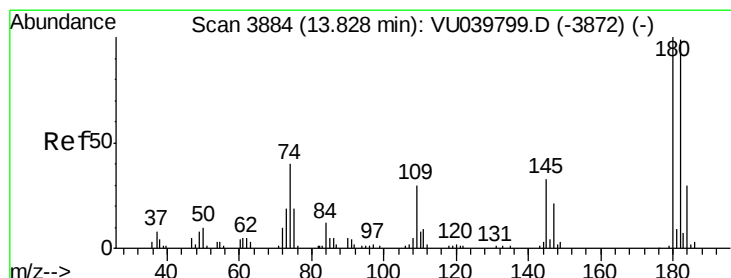
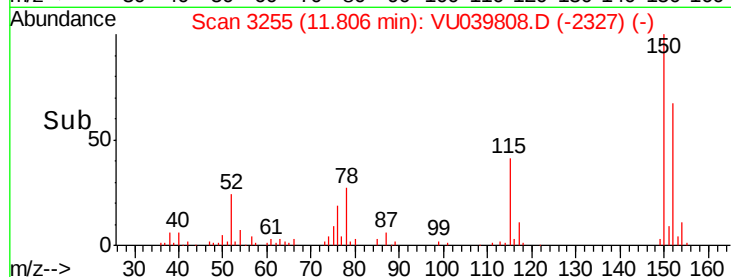
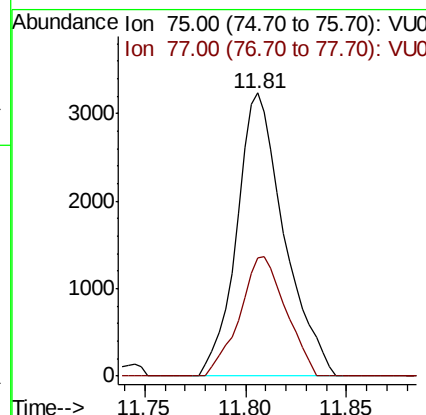
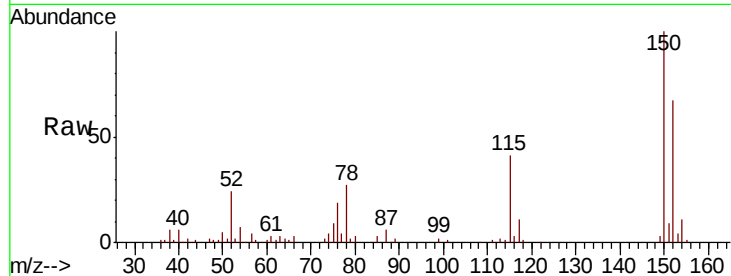




#59
 1,2,3-Trichloropropane
 Concen: 1.255 ug/L
 RT: 11.81 min Scan# 3255
 Delta R.T. 0.98 min
 Lab File: VU039808.D
 Acq: 08 Aug 2020 14:06

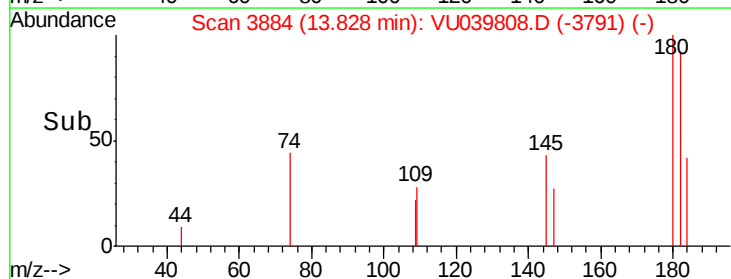
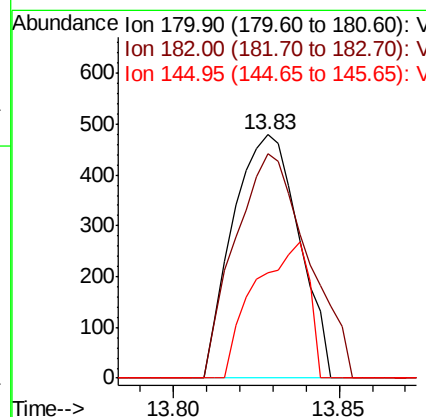
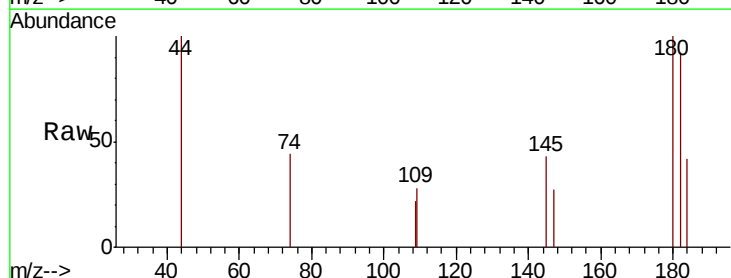
Instrument :
 MSVOA_U
 ClientSampleId :

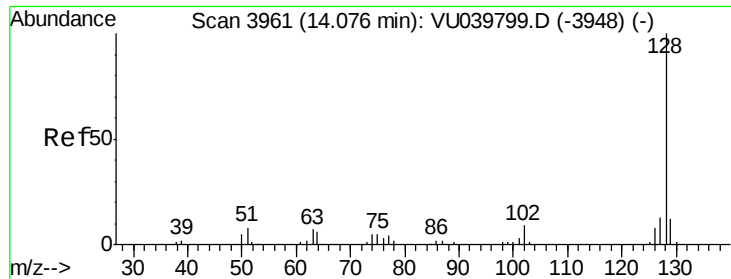
Tot Ion: 75 Resp: 5316
 Ion Ratio Lower Upper
 75 100
 77 41.2 24.6 37.0#



#68
 1,2,4-trichlorobenzene
 Concen: 0.089 ug/L
 RT: 13.83 min Scan# 3884
 Delta R.T. 0.00 min
 Lab File: VU039808.D
 Acq: 08 Aug 2020 14:06

Tgt Ion: 180 Resp: 665
 Ion Ratio Lower Upper
 180 100
 182 101.4 75.7 113.5
 145 45.9 25.1 37.7#





#69

Naphthalene

Concen: 0.174 ug/L

RT: 14.08 min Scan# 3961

Delta R.T. -0.00 min

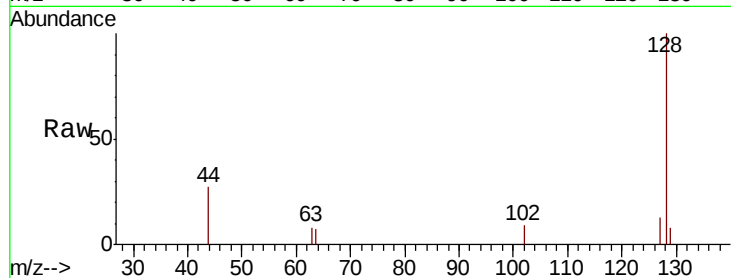
Lab File: VU039808.D

Acq: 08 Aug 2020 14:06

Instrument :

MSVOA_U

ClientSampleId :



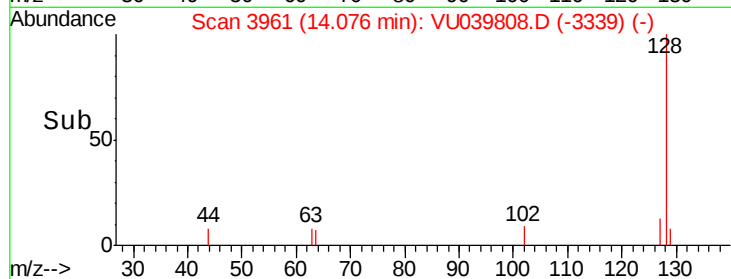
Tot Ion:128 Resp: 2334

Ion Ratio Lower Upper

128 100

129 3.1 8.9 13.3#

127 10.1 10.1 15.1



Abundance Ion 128.00 (127.70 to 128.70): V

2000 Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

