

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041720\
 Data File : VU037798.D
 Acq On : 18 Apr 2020 02:19
 Operator : JC/MD
 Sample : L2319-10
 Misc : 25mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AE2

Quant Time: Apr 18 07:13:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR041420WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Apr 18 05:19:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	273974	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	260041	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	118351	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	76159	3.67	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.40%
7) Chloroethane-d5	1.93	69	72619	4.15	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.00%
11) 1,1-Dichloroethene-d2	2.59	63	106498	2.89	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.80%#
20) 2-Butanone-d5	4.66	46	303684	53.34	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.68%
24) Chloroform-d	5.11	84	155178	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.80%
26) 1,2-Dichloroethane-d4	5.74	65	93344	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.20%
32) Benzene-d6	5.76	84	313996	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.20%
36) 1,2-Dichloropropane-d6	6.72	67	109457	4.79	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.80%
41) Toluene-d8	7.92	98	281553	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.20%
43) trans-1,3-Dichloropropene-	8.20	79	42875	4.17	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.40%
46) 2-Hexanone-d5	8.65	63	254477	48.40	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.80%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	86225	4.78	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.60%
64) 1,2-Dichlorobenzene-d4	12.20	152	99382	4.71	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.20%

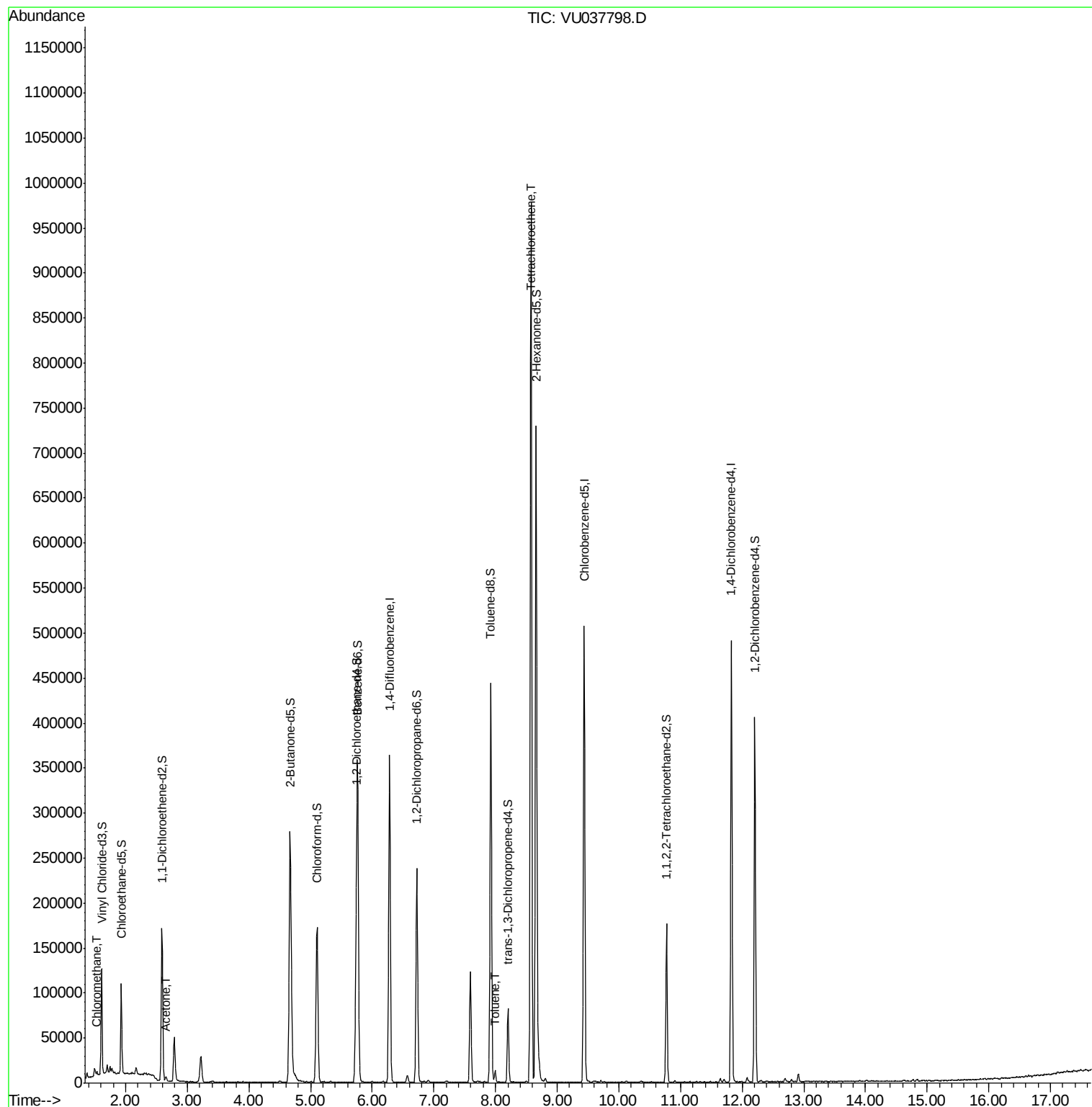
Target Compounds					Ovalue
3) Chloromethane	1.54	50	2659	0.090 ug/L	100
13) Acetone	2.66	43	6149	1.638 ug/L	96
42) Toluene	7.99	91	8304	0.092 ug/L	97
47) Tetrachloroethene	8.57	164	208870	13.766 ug/L	99

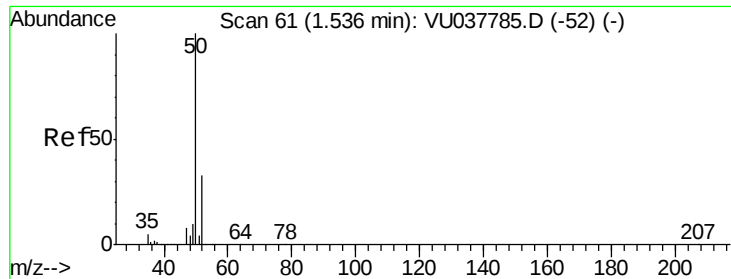
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.090 ug/L

RT: 1.54 min Scan# 61

Delta R.T. -0.00 min

Lab File: VU037798.D

Acq: 18 Apr 2020 02:19

Instrument :

MSVOA_U

ClientSampleId :

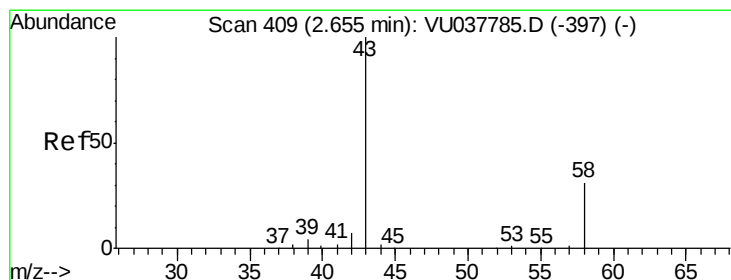
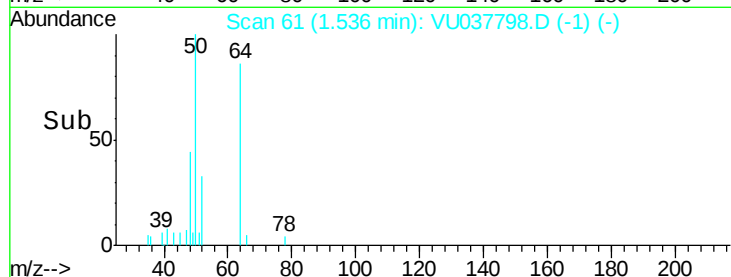
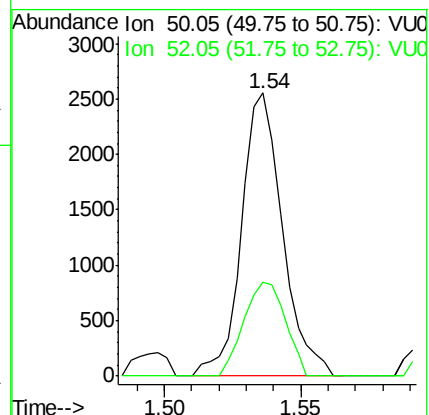
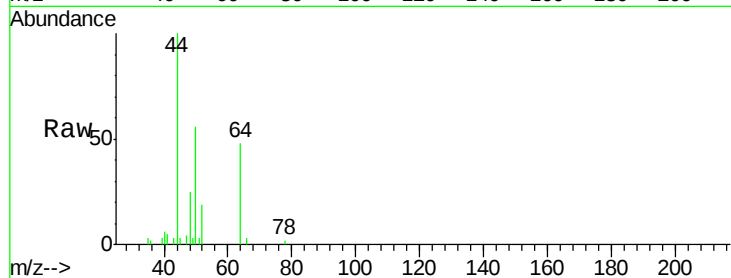
C0AE2

Tot Ion: 50 Resp: 2659

Ion Ratio Lower Upper

50 100

52 33.1 23.0 42.6



#13

Acetone

Concen: 1.638 ug/L

RT: 2.66 min Scan# 409

Delta R.T. -0.00 min

Lab File: VU037798.D

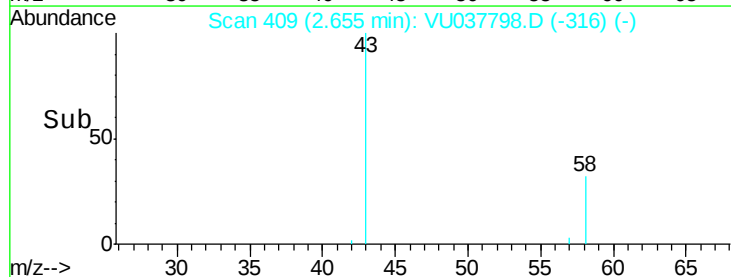
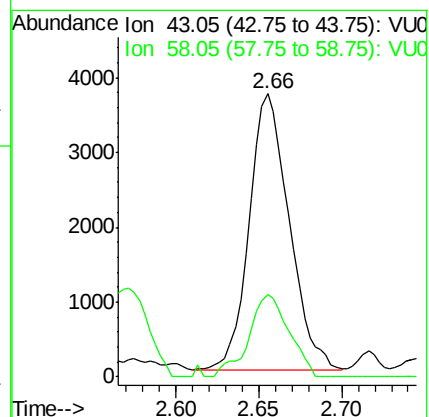
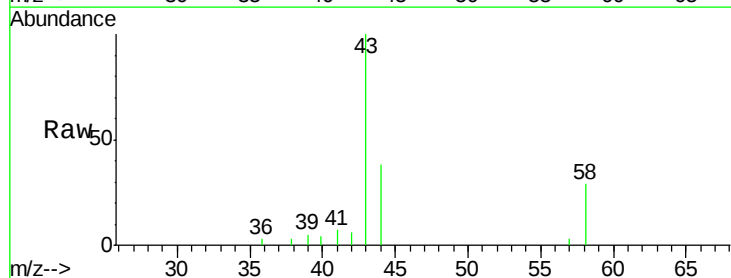
Acq: 18 Apr 2020 02:19

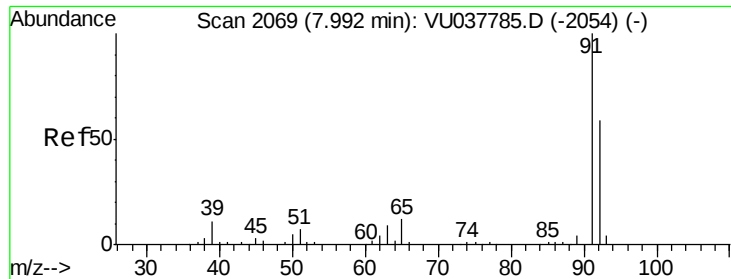
Tgt Ion: 43 Resp: 6149

Ion Ratio Lower Upper

43 100

58 30.1 0.0 64.8





#42

Toluene

Concen: 0.092 ug/L

RT: 7.99 min Scan# 2069

Delta R.T. -0.00 min

Lab File: VU037798.D

Acq: 18 Apr 2020 02:19

Instrument :

MSVOA_U

ClientSampleId :

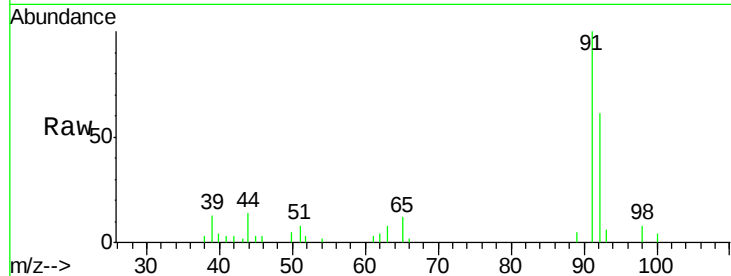
C0AE2

Tot Ion: 91 Resp: 8304

Ion Ratio Lower Upper

91 100

92 60.9 41.1 76.3



Abundance Ion 91.15 (90.85 to 91.85): VU037785.D (-2054) (-)

Ion 92.15 (91.85 to 92.85): VU037785.D (-2054) (-)

7.99

6000

5000

4000

3000

2000

1000

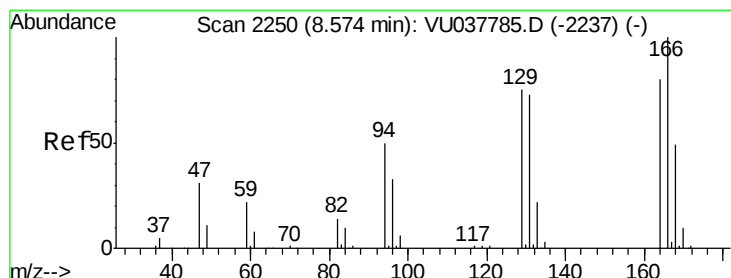
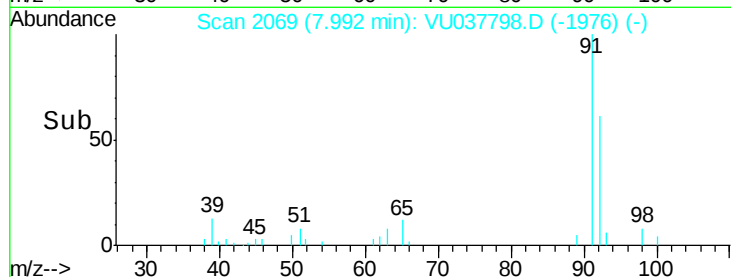
0

Time-->

7.95

8.00

8.05



#47

Tetrachloroethene

Concen: 13.766 ug/L

RT: 8.57 min Scan# 2250

Delta R.T. -0.00 min

Lab File: VU037798.D

Acq: 18 Apr 2020 02:19

Tgt Ion: 164 Resp: 208870

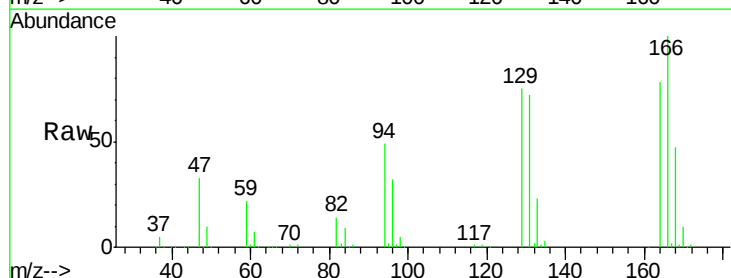
Ion Ratio Lower Upper

164 100

129 95.4 68.1 126.5

131 92.6 65.9 122.5

166 127.8 89.7 166.7



Abundance Ion 163.90 (163.60 to 164.60): VU037785.D (-2237) (-)

Ion 128.95 (128.65 to 129.65): VU037785.D (-2237) (-)

Ion 130.95 (130.65 to 131.65): VU037785.D (-2237) (-)

Ion 165.90 (165.60 to 166.60): VU037785.D (-2237) (-)

250000

200000

150000

100000

50000

0

Time-->

8.50

8.55

8.60

8.65

8.70

