

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041720\
 Data File : VU037799.D
 Acq On : 18 Apr 2020 02:44
 Operator : JC/MD
 Sample : L2319-11
 Misc : 25mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AE3

Quant Time: Apr 18 07:16:52 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	264230	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	255847	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	122136	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	77801	3.89	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.80%
7) Chloroethane-d5	1.93	69	73997	4.39	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.80%
11) 1,1-Dichloroethene-d2	2.59	63	106607	3.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.00%
20) 2-Butanone-d5	4.66	46	313187	57.04	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.08%
24) Chloroform-d	5.10	84	157248	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.60%
26) 1,2-Dichloroethane-d4	5.74	65	95335	5.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.00%
32) Benzene-d6	5.76	84	325436	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.80%
36) 1,2-Dichloropropane-d6	6.72	67	111933	4.98	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.60%
41) Toluene-d8	7.92	98	289872	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.40%
43) trans-1,3-Dichloropropene-	8.20	79	45226	4.47	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.40%
46) 2-Hexanone-d5	8.65	63	262082	50.66	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.32%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	88592	4.99	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.80%
64) 1,2-Dichlorobenzene-d4	12.21	152	104741	4.81	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.20%

Target Compounds

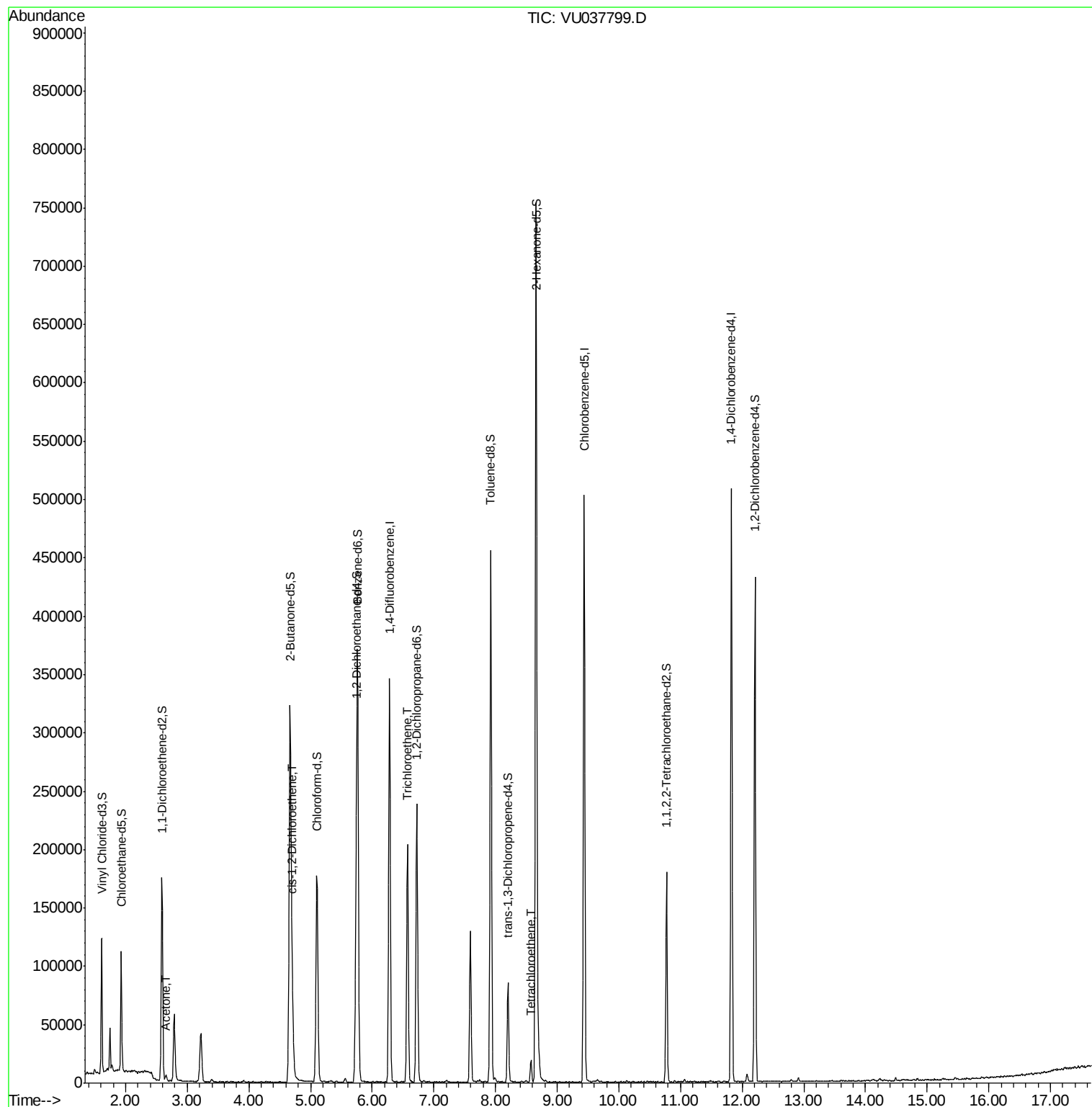
					Ovalue
13) Acetone	2.66	43	6107	1.687 ug/L	94
22) cis-1,2-Dichloroethene	4.71	96	23997	1.123 ug/L	88
34) Trichloroethene	6.57	95	68082	3.277 ug/L	98
47) Tetrachloroethene	8.57	164	4089	0.274 ug/L	84

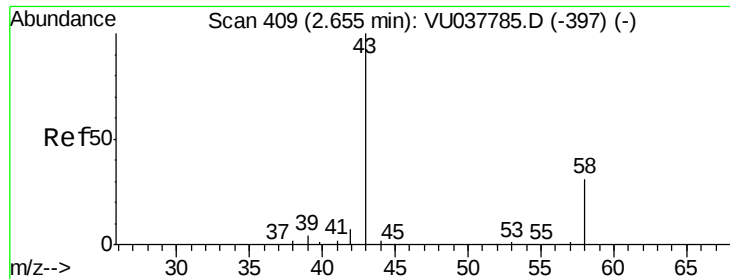
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU041720\
Data File : VU037799.D
Acq On : 18 Apr 2020 02:44
Operator : JC/MD
Sample : L2319-11
Misc : 25mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AE3

Quant Time: Apr 18 07:16:52 2020
Quant Method : Z:\V0ASRV\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





#13

Acetone

Concen: 1.687 ug/L

RT: 2.66 min Scan# 409

Delta R.T. 0.00 min

Lab File: VU037799.D

Acq: 18 Apr 2020 02:44

Instrument :

MSVOA_U

ClientSampled :

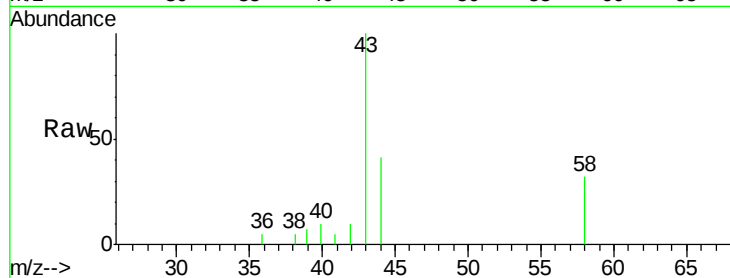
C0AE3

Tot Ion: 43 Resp: 6107

Ion Ratio Lower Upper

43 100

58 28.9 0.0 64.8



Abundance Ion 43.05 (42.75 to 43.75): VU037785.D (-397) (-)

Ion 58.05 (57.75 to 58.75): VU037785.D (-397) (-)

2.66

3000

2000

1000

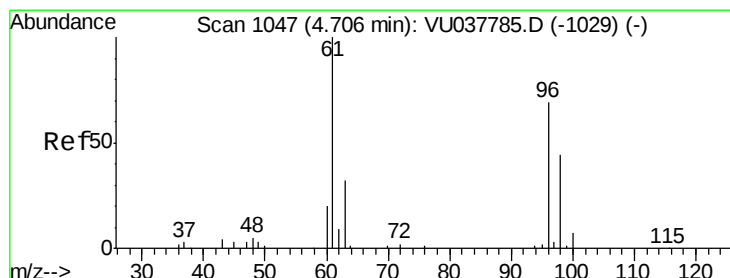
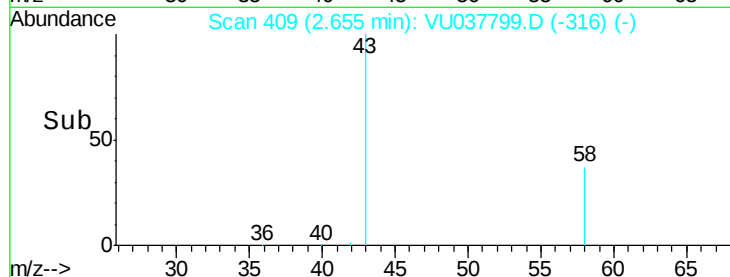
0

2.60

2.65

2.70

Time-->



#22

cis-1,2-Dichloroethene

Concen: 1.123 ug/L

RT: 4.71 min Scan# 1047

Delta R.T. 0.00 min

Lab File: VU037799.D

Acq: 18 Apr 2020 02:44

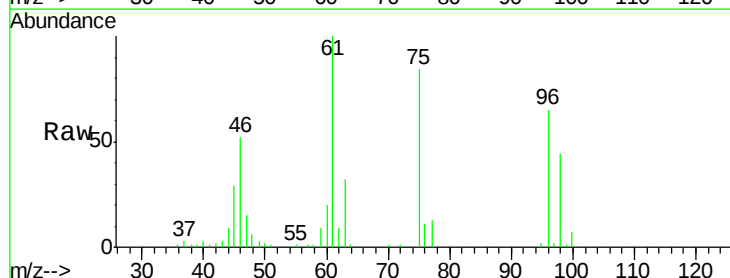
Tgt Ion: 96 Resp: 23997

Ion Ratio Lower Upper

96 100

61 152.7 97.0 180.2

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU037785.D (-1029) (-)

Ion 61.05 (60.75 to 61.75): VU037785.D (-1029) (-)

Ion 68.15 (67.85 to 68.85): VU037785.D (-1029) (-)

4.71

20000

15000

10000

5000

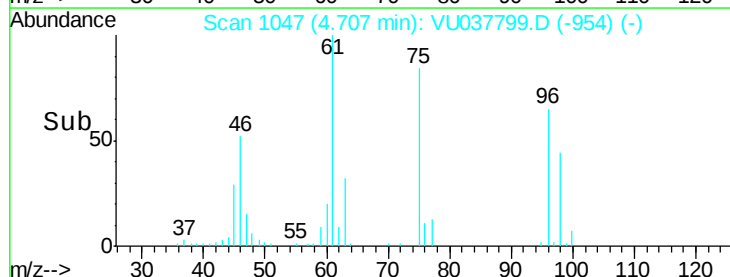
0

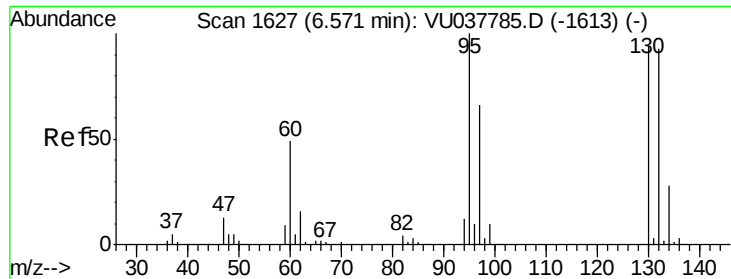
4.65

4.70

4.75

Time-->

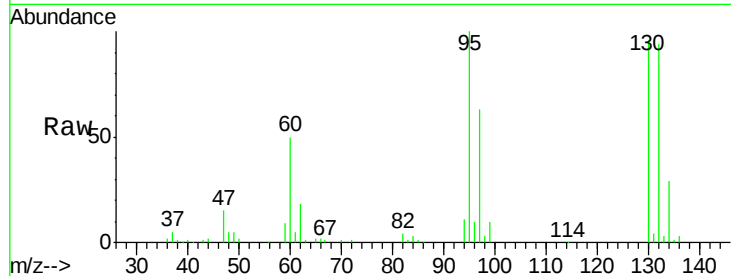




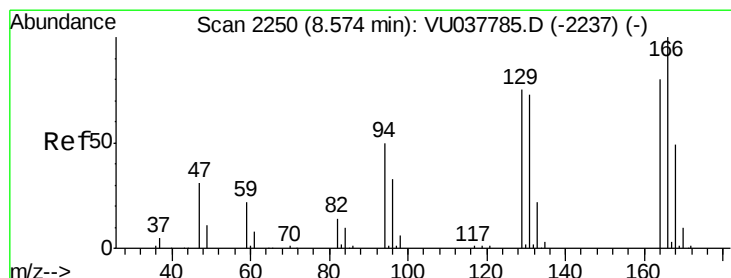
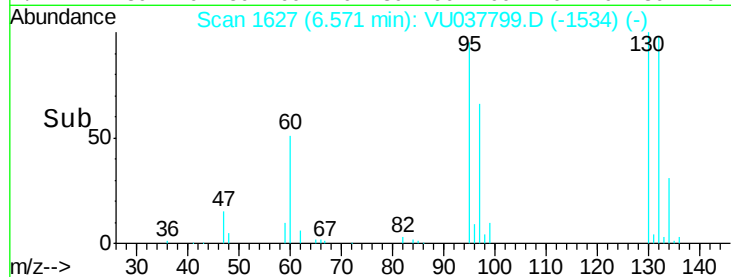
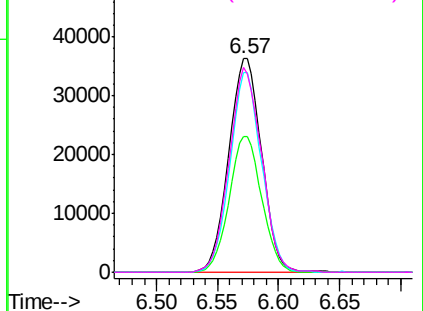
#34
 Trichloroethene
 Concen: 3.277 ug/L
 RT: 6.57 min Scan# 1627
 Delta R.T. 0.00 min
 Lab File: VU037799.D
 Acq: 18 Apr 2020 02:44

Instrument :
 MSVOA_U
 ClientSampled :
 C0AE3

Tot Ion: 95 Resp: 68082
 Ion Ratio Lower Upper
 95 100
 97 63.4 45.4 84.2
 132 93.6 63.7 118.3
 130 95.6 68.7 127.5

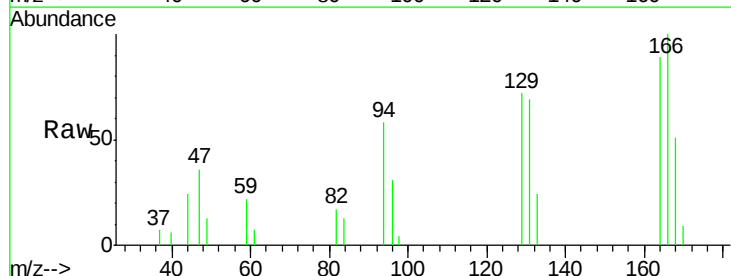


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 96.95 (96.65 to 97.65): VU0
 Ion 131.95 (131.65 to 132.65): V
 Ion 129.95 (129.65 to 130.65): V



#47
 Tetrachloroethene
 Concen: 0.274 ug/L
 RT: 8.57 min Scan# 2250
 Delta R.T. 0.00 min
 Lab File: VU037799.D
 Acq: 18 Apr 2020 02:44

Tgt Ion: 164 Resp: 4089
 Ion Ratio Lower Upper
 164 100
 129 80.8 68.1 126.5
 131 76.9 65.9 122.5
 166 111.8 89.7 166.7



Abundance Ion 163.90 (163.60 to 164.60): V
 Ion 128.95 (128.65 to 129.65): V
 Ion 130.95 (130.65 to 131.65): V
 Ion 165.90 (165.60 to 166.60): V

