

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 :

Quant Time: Apr 18 05:25:03 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

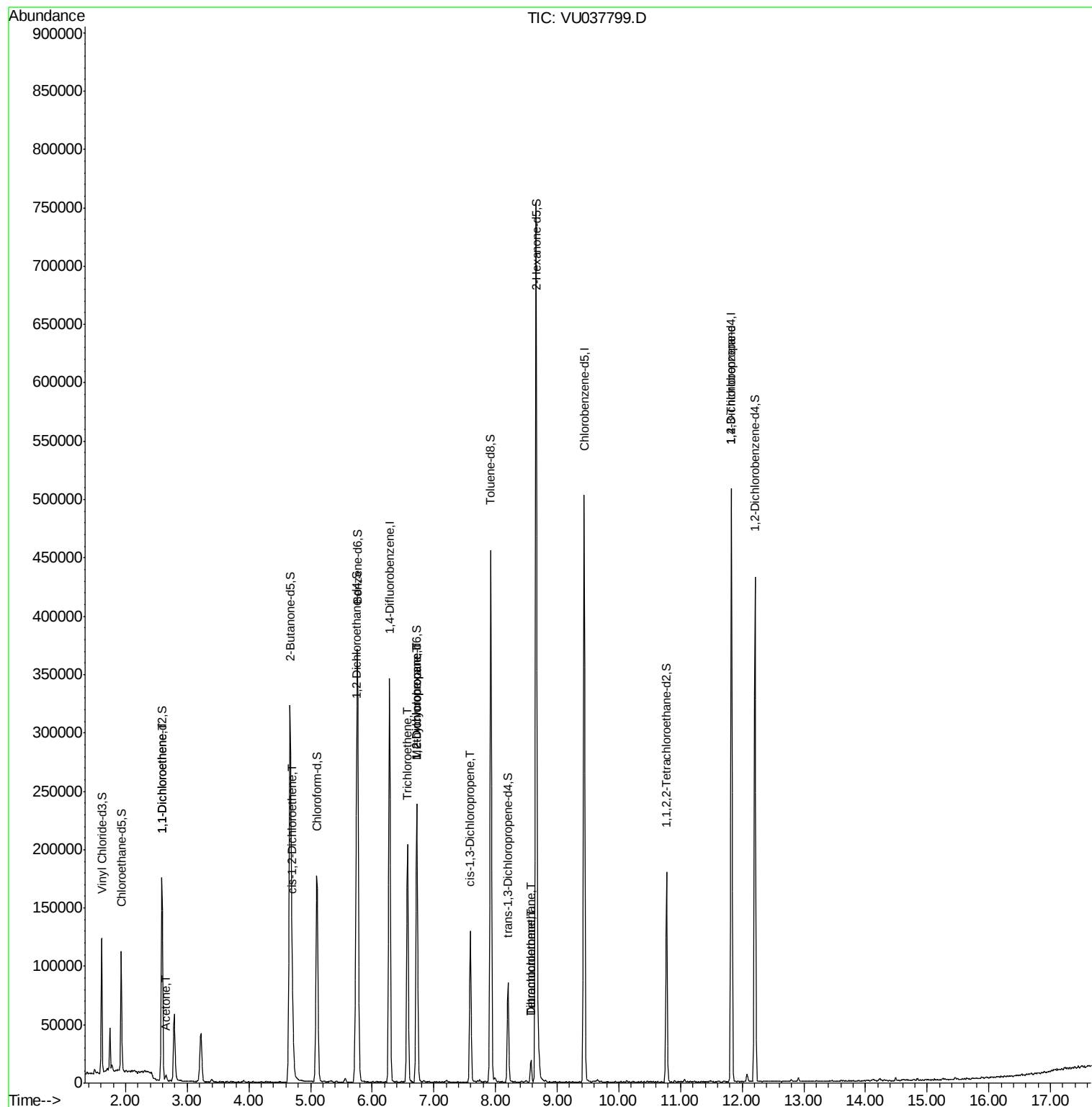
					Ovalue
12) 1,1-Dichloroethene	2.59	96	1110	0.061 ug/L #	1
13) Acetone	2.66	43	6107	1.687 ug/L	94
22) cis-1,2-Dichloroethene	4.71	96	23997	1.123 ug/L	88
34) Trichloroethene	6.57	95	68082	3.277 ug/L	98
35) Methylcyclohexane	6.72	83	24662	0.677 ug/L #	16
37) 1,2-Dichloropropane	6.72	63	12346	0.551 ug/L #	87
39) cis-1,3-Dichloropropene	7.59	75	3090	0.088 ug/L #	72
47) Tetrachloroethene	8.57	164	4089	0.274 ug/L	84
49) Dibromochloromethane	8.57	129	3735	0.216 ug/L #	11
59) 1,2,3-Trichloropropane	11.83	75	17008	1.159 ug/L	95

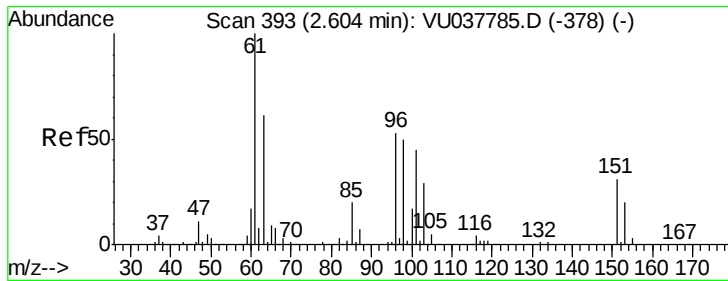
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 :

Quant Time: Apr 18 05:25:03 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





#12

1,1-Dichloroethene

Concen: 0.061 ug/L

RT: 2.59 min Scan# 389

Delta R.T. -0.01 min

Lab File: VU037799.D

Acq: 18 Apr 2020 02:44

Instrument :

MSVOA_U

ClientSampleId :

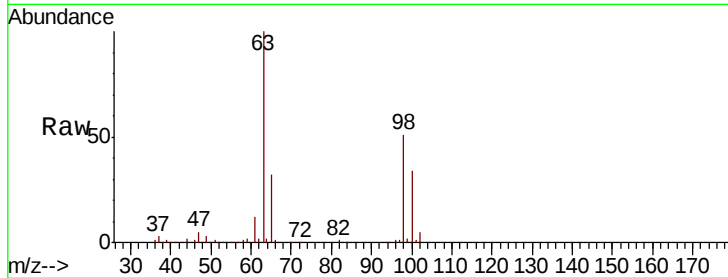
Tot Ion: 96 Resp: 1110

Ion Ratio Lower Upper

96 100

61 1237.9 127.7 237.3#

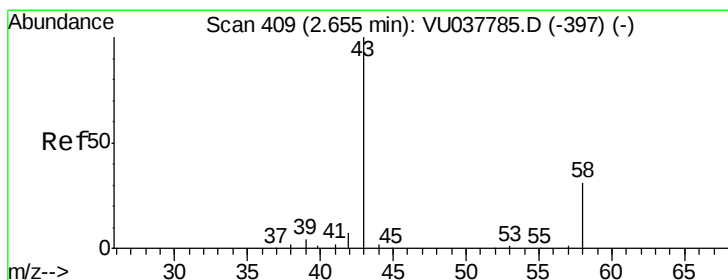
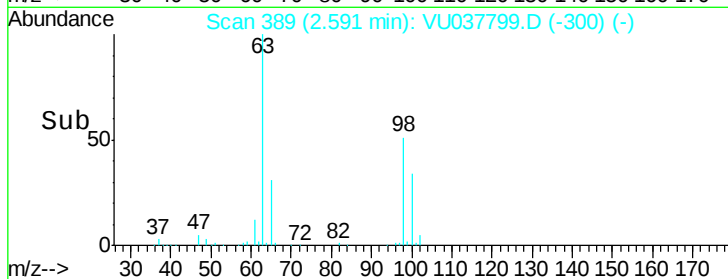
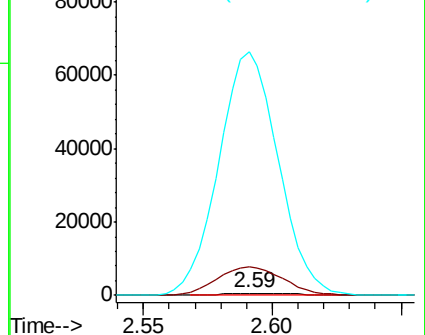
63 10525.5 85.0 157.8#



Abundance Ion 96.00 (95.70 to 96.70): VU037799.D (-300) (-)

Ion 61.05 (60.75 to 61.75): VU037799.D (-300) (-)

Ion 63.00 (62.70 to 63.70): VU037799.D (-300) (-)



#13

Acetone

Concen: 1.687 ug/L

RT: 2.66 min Scan# 409

Delta R.T. 0.00 min

Lab File: VU037799.D

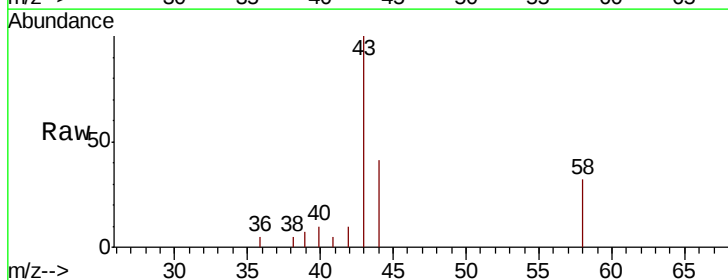
Acq: 18 Apr 2020 02:44

Tgt Ion: 43 Resp: 6107

Ion Ratio Lower Upper

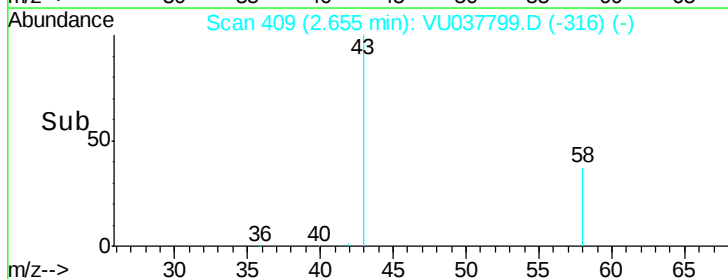
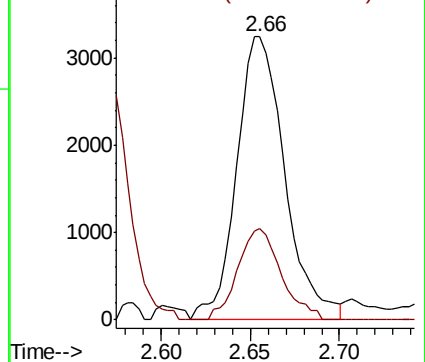
43 100

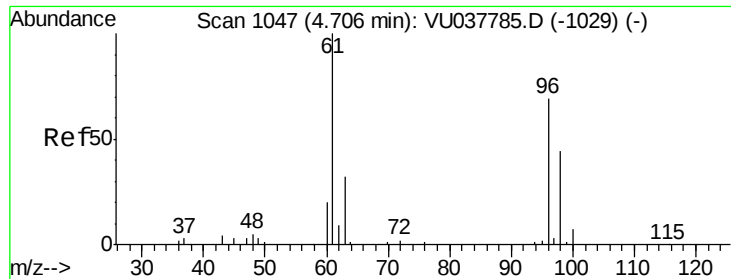
58 28.9 0.0 64.8



Abundance Ion 43.05 (42.75 to 43.75): VU037799.D (-316) (-)

Ion 58.05 (57.75 to 58.75): VU037799.D (-316) (-)





#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

Instrument :

MSVOA_U

ClientSampleId :

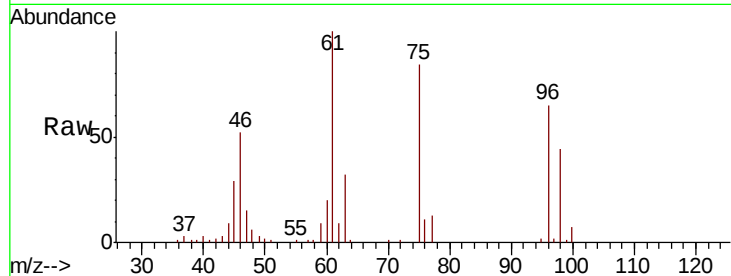
Tot Ion: 96 Resp: 23997

Ion Ratio Lower Upper

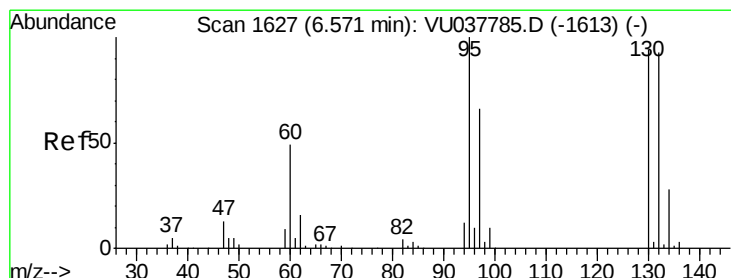
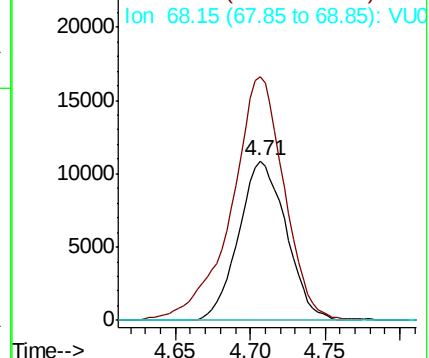
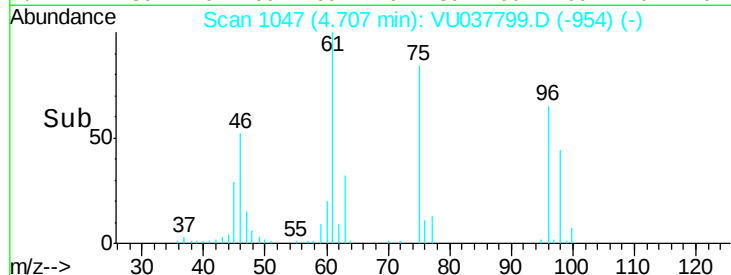
96 100

61 152.7 97.0 180.2

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU037799.D (-1534) (-)



#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

Tgt Ion: 95 Resp: 68082

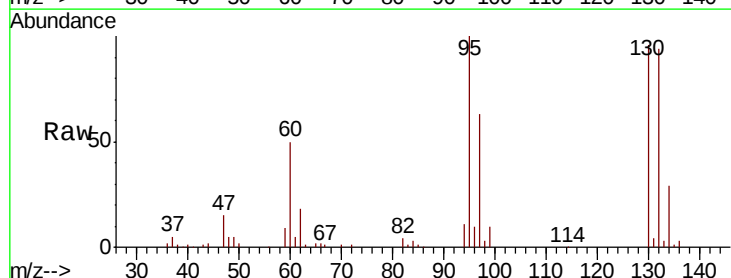
Ion Ratio Lower Upper

95 100

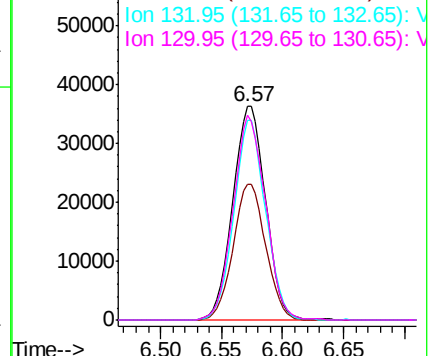
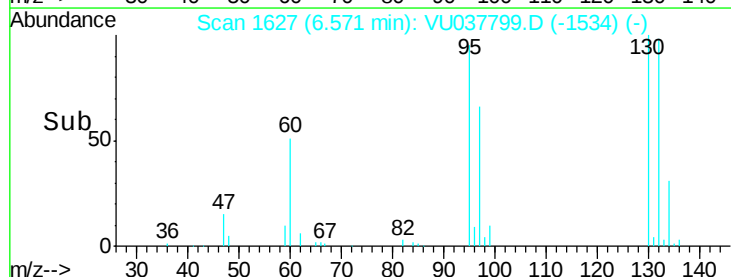
97 63.4 45.4 84.2

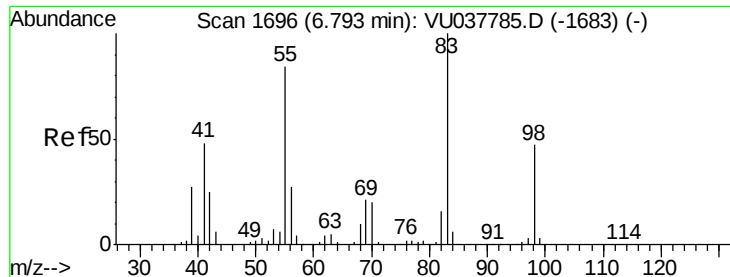
132 93.6 63.7 118.3

130 95.6 68.7 127.5



Abundance Ion 95.00 (94.70 to 95.70): VU037799.D (-1534) (-)

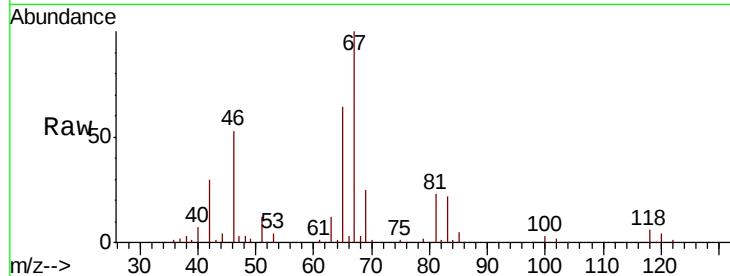




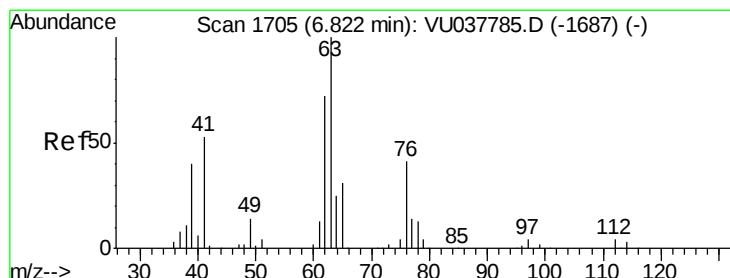
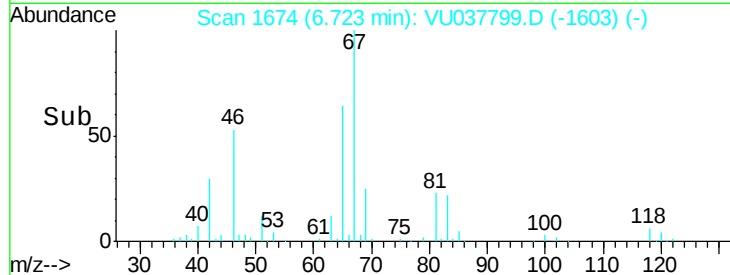
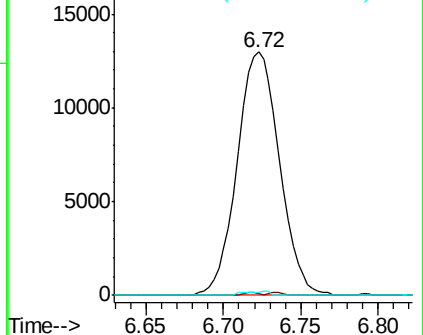
#35
Methvlcvclohexane
Concen: 0.677 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU037799.D
Acq: 18 Apr 2020 02:44

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 83 Resp: 24662
Ion Ratio Lower Upper
83 100
55 0.4 65.5 98.3#
98 0.3 38.2 57.4#

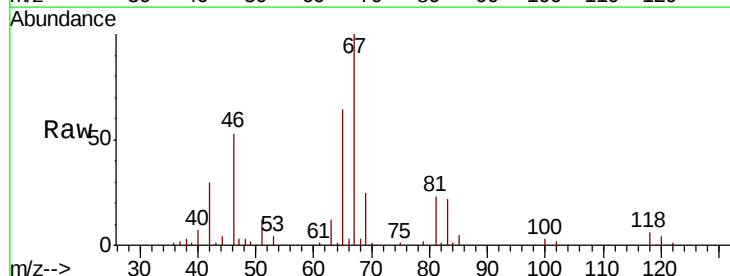


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

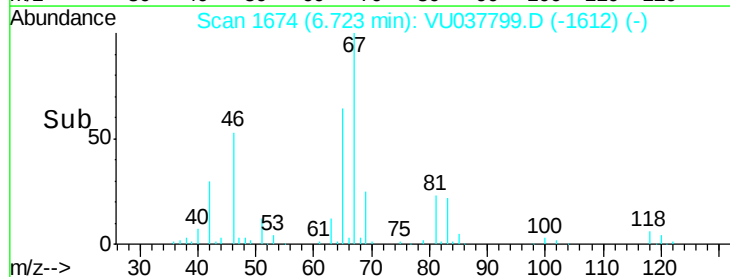
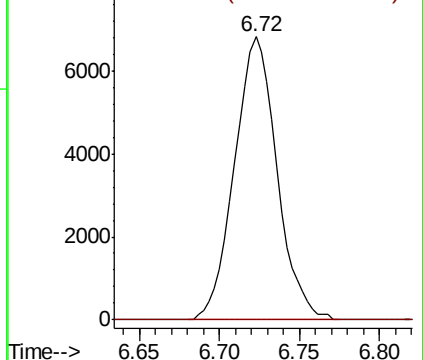


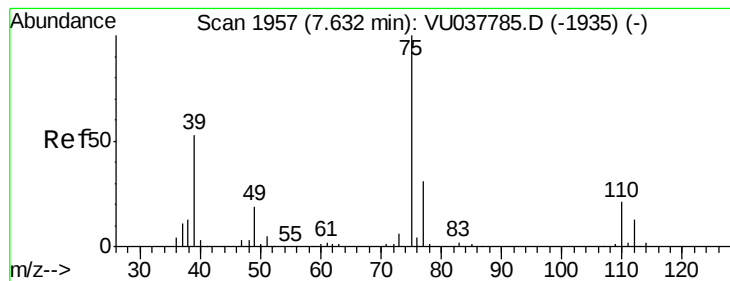
#37
1,2-Dichloropropane
Concen: 0.551 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.10 min
Lab File: VU037799.D
Acq: 18 Apr 2020 02:44

Tgt Ion: 63 Resp: 12346
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V



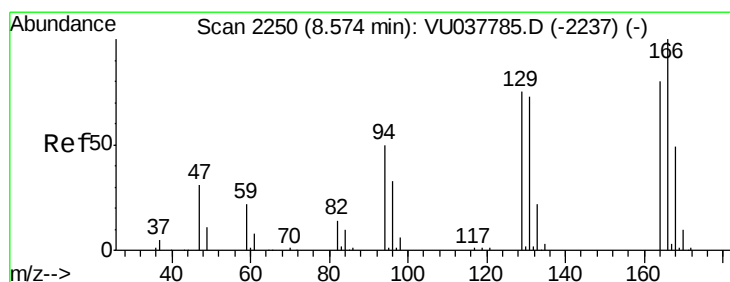
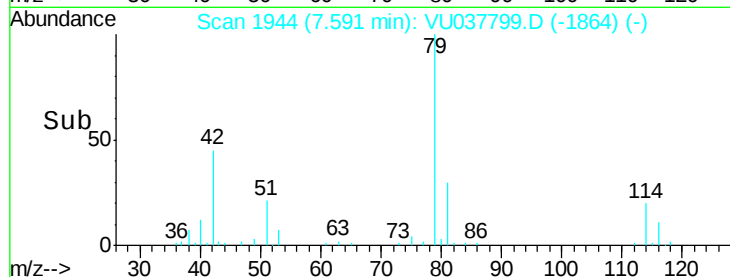
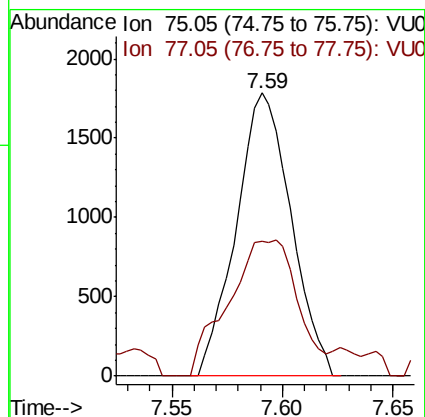
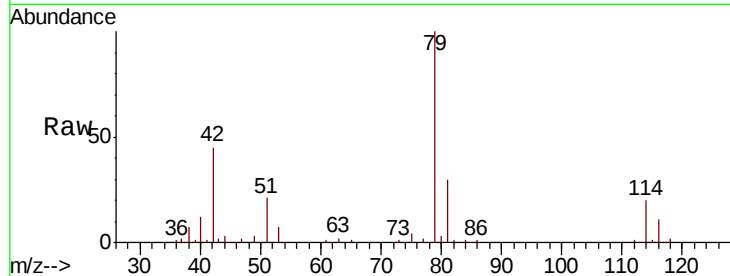


#39

cis-1,3-Dichloropropene
Concen: 0.088 ug/L
RT: 7.59 min Scan# 1944
Delta R.T. -0.04 min
Lab File: VU037799.D
Acq: 18 Apr 2020 02:44

Instrument :
MSVOA_U
ClientSampleId :

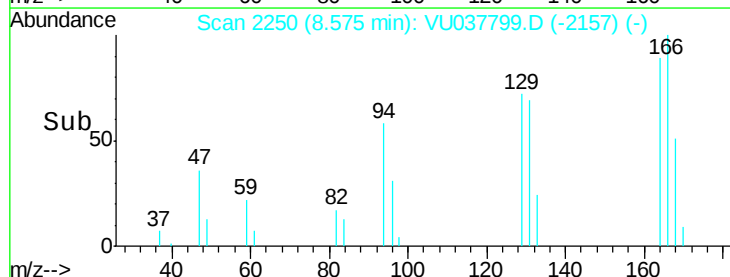
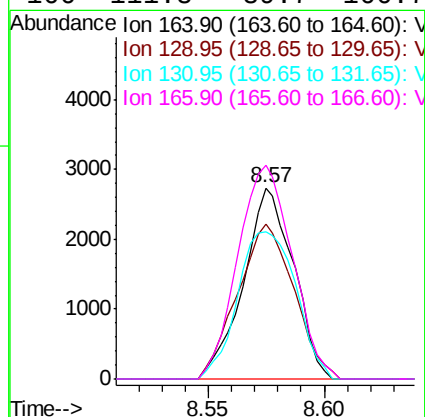
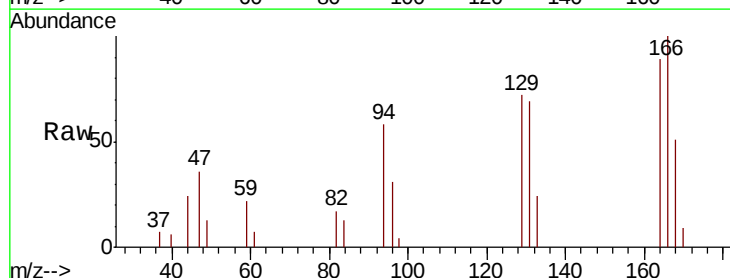
Tot Ion: 75 Resp: 3090
Ion Ratio Lower Upper
75 100
77 47.5 22.2 41.2#

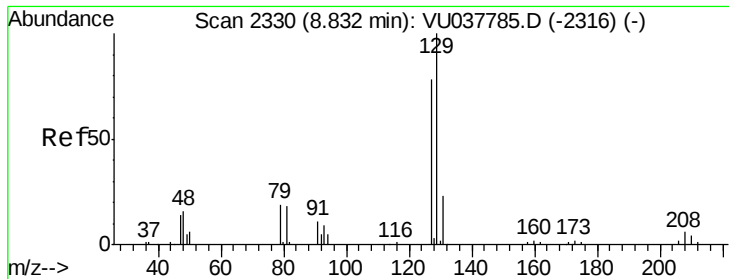


#47

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





#49

Dibromochloromethane

Concen: 0.216 ug/L

RT: 8.57 min Scan# 2250

Delta R.T. -0.26 min

Lab File: VU037799.D

Acq: 18 Apr 2020 02:44

Instrument :

MSVOA_U

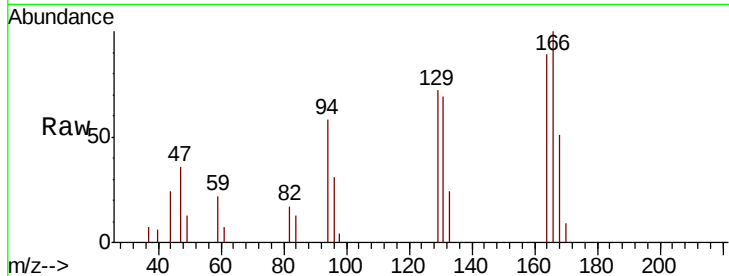
ClientSampleId :

Tot Ion:129 Resp: 3735

Ion Ratio Lower Upper

129 100

127 0.0 53.3 98.9#



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V

8.57

2500

2000

1500

1000

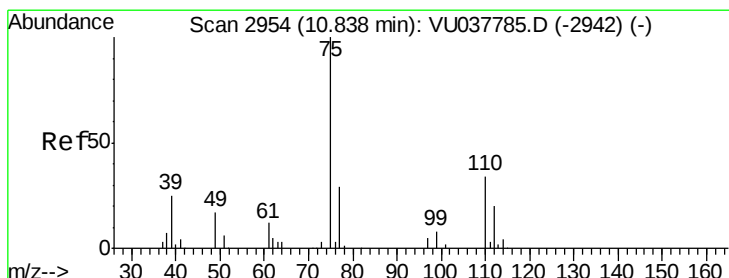
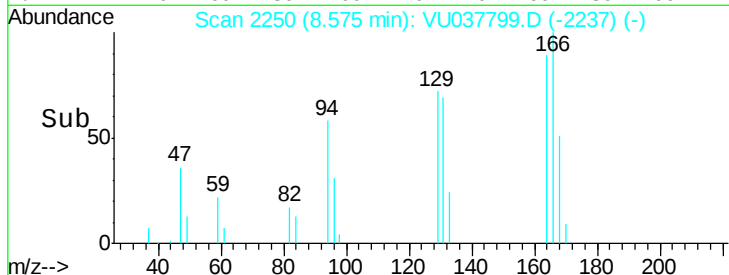
500

0

8.55

8.60

Time-->



#59

1,2,3-Trichloropropane

Concen: 1.159 ug/L

RT: 11.83 min Scan# 3261

Delta R.T. 0.99 min

Lab File: VU037799.D

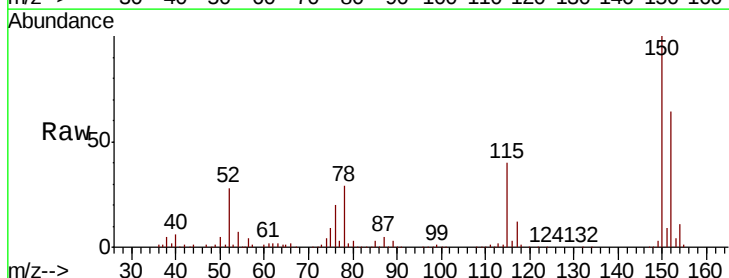
Acq: 18 Apr 2020 02:44

Tgt Ion: 75 Resp: 17008

Ion Ratio Lower Upper

75 100

77 34.8 25.4 38.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

11.83

12000

10000

8000

6000

4000

2000

0

11.80

11.85

Time-->

