

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU031120\
 Data File : VU037179.D
 Acq On : 11 Mar 2020 20:25
 Operator : JC/MD
 Sample : L1891-03
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBER3

Quant Time: Mar 12 01:59:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR031120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Mar 12 01:55:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	109471	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	111622	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	45269	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	33831	4.71	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.20%
7) Chloroethane-d5	1.93	69	28021	5.52	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	110.40%
11) 1,1-Dichloroethene-d2	2.59	63	56654	3.82	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.40%
20) 2-Butanone-d5	4.69	46	87859	47.78	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.56%
24) Chloroform-d	5.11	84	73803	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.40%
26) 1,2-Dichloroethane-d4	5.74	65	42870	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.40%
32) Benzene-d6	5.76	84	133826	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.60%
36) 1,2-Dichloropropane-d6	6.72	67	43700	4.92	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.40%
41) Toluene-d8	7.93	98	116949	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.00%
43) trans-1,3-Dichloropropene-	8.21	79	16669	4.66	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.20%
46) 2-Hexanone-d5	8.66	63	71171	47.72	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.44%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	34248	4.69	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.80%
64) 1,2-Dichlorobenzene-d4	12.21	152	42671	5.46	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.20%

Target Compounds

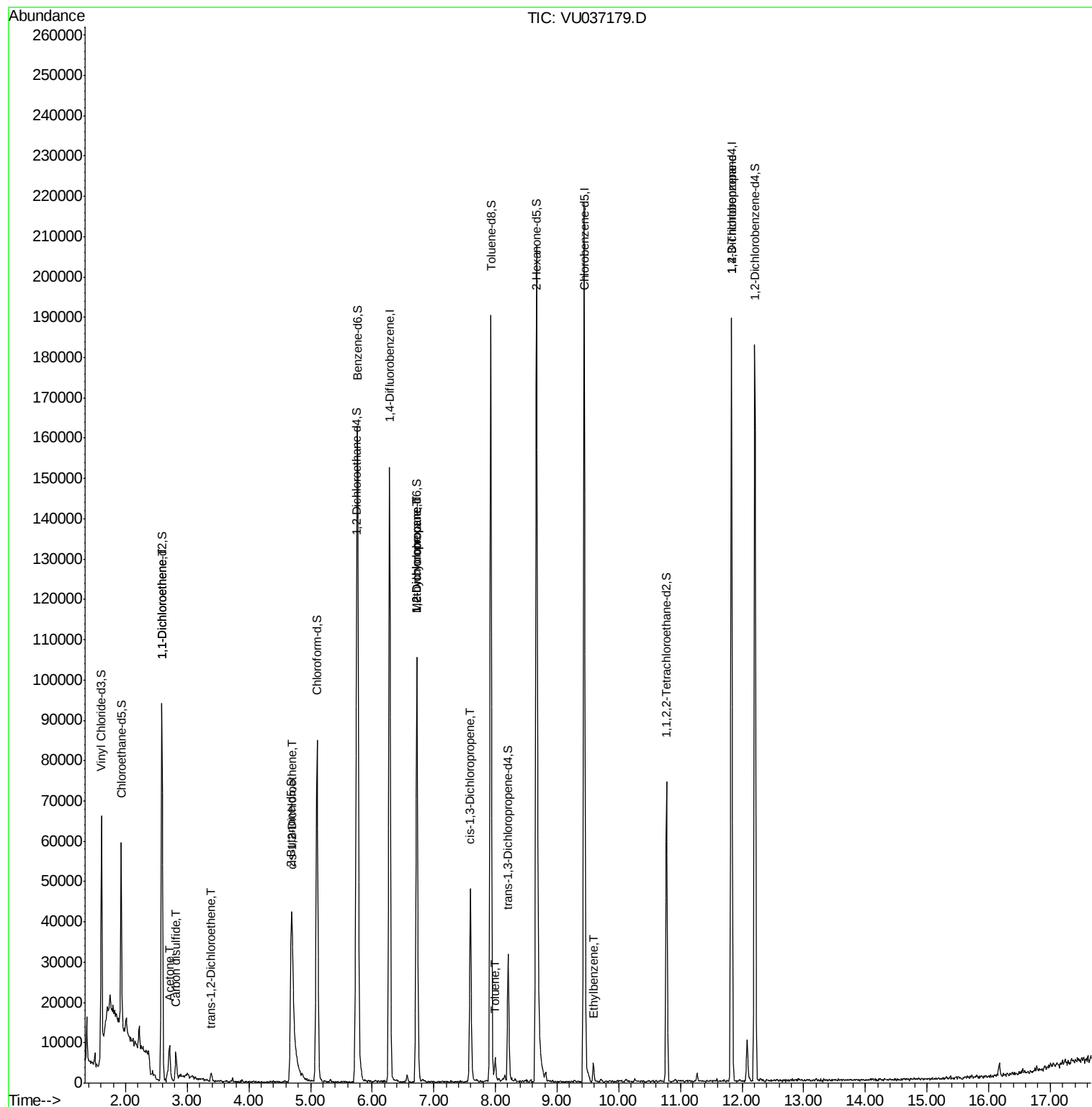
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.59	96	593	0.083	ug/L #	1
13) Acetone	2.70	43	2214	1.469	ug/L	98
14) Carbon disulfide	2.82	76	9367	0.395	ug/L #	90
18) trans-1,2-Dichloroethene	3.39	96	798	0.106	ug/L	93
22) cis-1,2-Dichloroethene	4.71	96	1146	0.138	ug/L	77
35) Methylcyclohexane	6.73	83	10248	0.744	ug/L #	15
37) 1,2-Dichloropropane	6.72	63	5116	0.589	ug/L #	90
39) cis-1,3-Dichloropropene	7.59	75	1174	0.094	ug/L #	26
42) Toluene	8.00	91	3292	0.093	ug/L	84
52) Ethylbenzene	9.59	91	3251	0.083	ug/L	92
59) 1,2,3-Trichloropropane	11.83	75	6786	1.092	ug/L	94

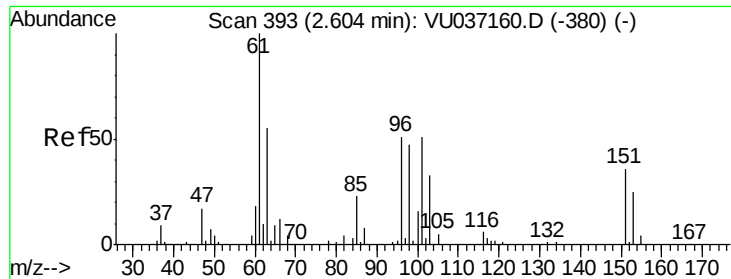
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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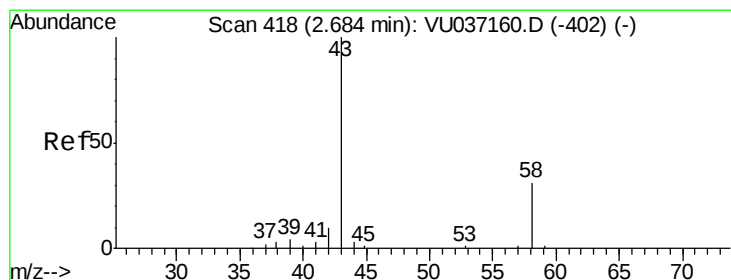
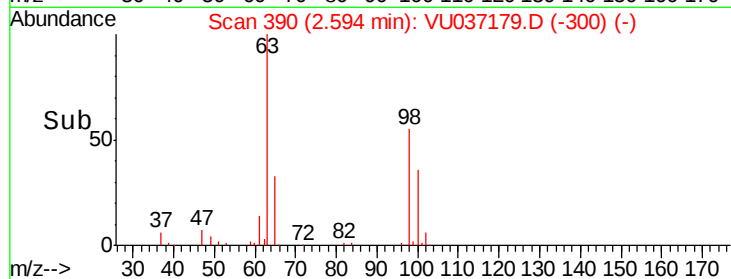
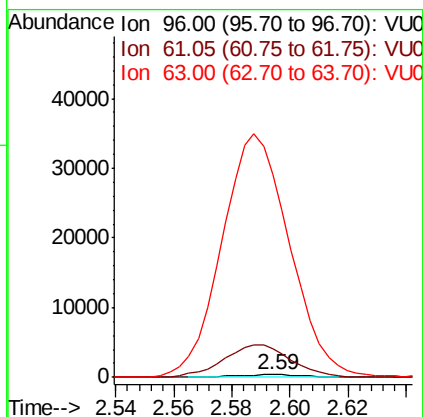
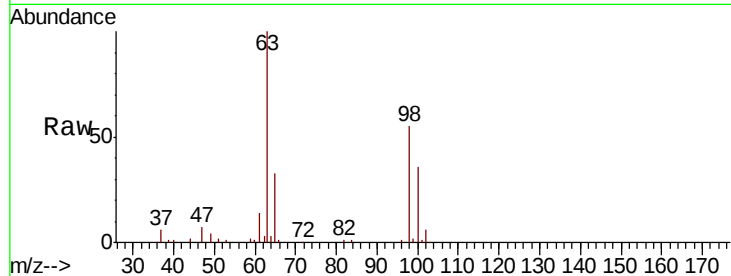




#12
 1,1-Dichloroethene
 Concen: 0.083 ug/L
 RT: 2.59 min Scan# 390
 Delta R.T. -0.01 min
 Lab File: VU037179.D
 Acq: 11 Mar 2020 20:25

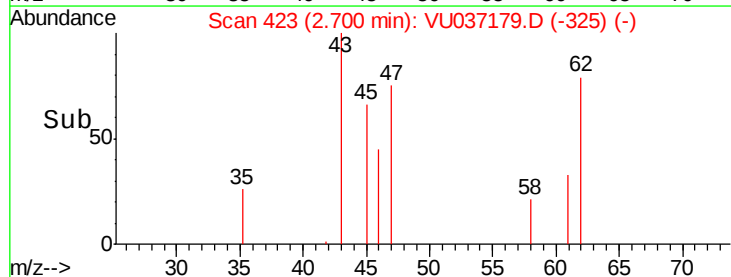
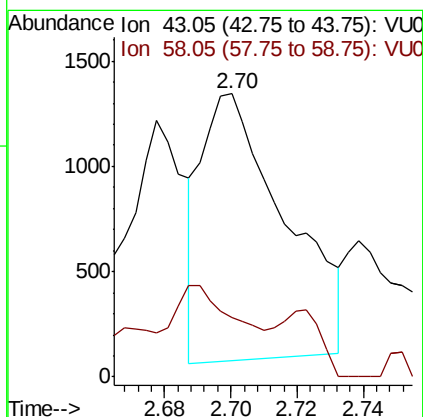
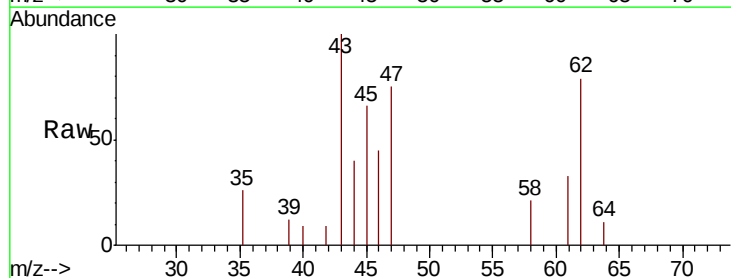
Instrument :
 MSVOA_U
 ClientSampleId :
 DBER3

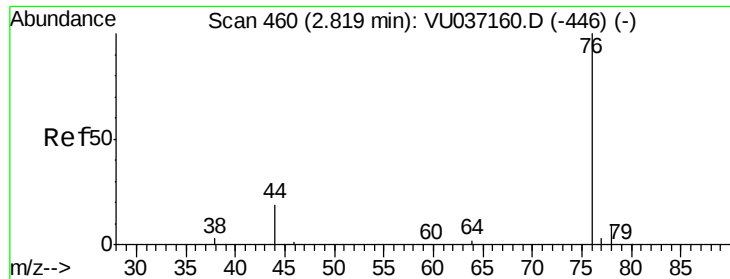
Tot Ion: 96 Resp: 593
 Ion Ratio Lower Upper
 96 100
 61 1064.7 136.4 253.2#
 63 7534.5 86.2 160.0#



#13
 Acetone
 Concen: 1.469 ug/L
 RT: 2.70 min Scan# 423
 Delta R.T. 0.02 min
 Lab File: VU037179.D
 Acq: 11 Mar 2020 20:25

Tgt Ion: 43 Resp: 2214
 Ion Ratio Lower Upper
 43 100
 58 27.3 0.0 52.2





#14

Carbon disulfide

Concen: 0.395 ug/L

RT: 2.82 min Scan# 459

Delta R.T. -0.00 min

Lab File: VU037179.D

Acq: 11 Mar 2020 20:25

Instrument :

MSVOA_U

ClientSampleId :

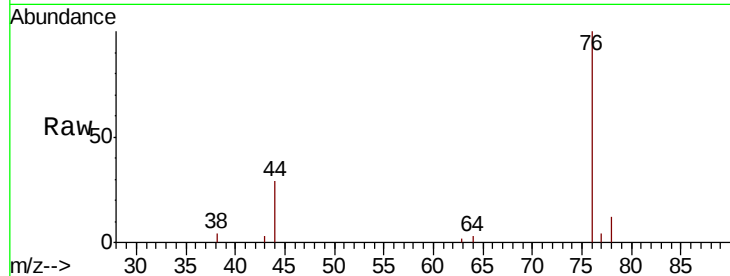
DBER3

Tot Ion: 76 Resp: 9367

Ion Ratio Lower Upper

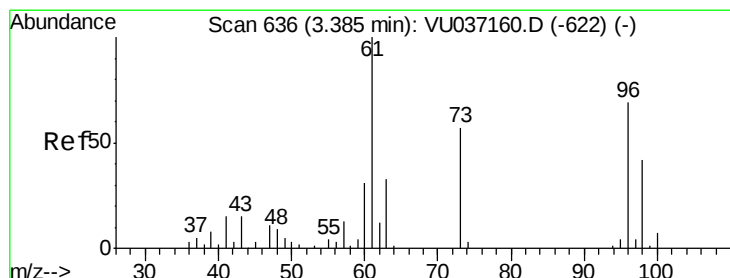
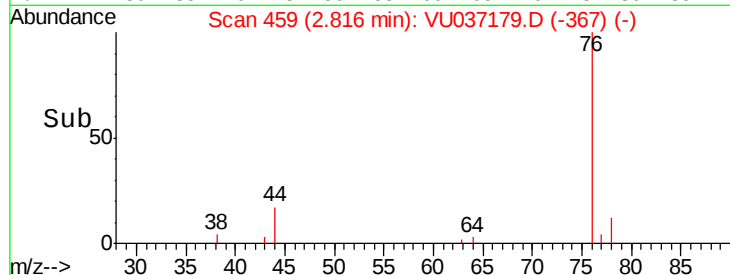
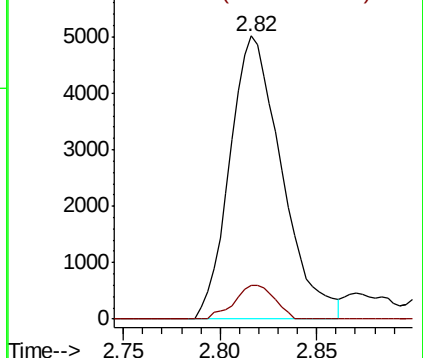
76 100

78 12.1 6.9 10.3#



Abundance Ion 76.05 (75.75 to 76.75): VU037160.D (-446) (-)

Ion 78.00 (77.70 to 78.70): VU037160.D (-446) (-)



#18

trans-1,2-Dichloroethene

Concen: 0.106 ug/L

RT: 3.39 min Scan# 636

Delta R.T. -0.00 min

Lab File: VU037179.D

Acq: 11 Mar 2020 20:25

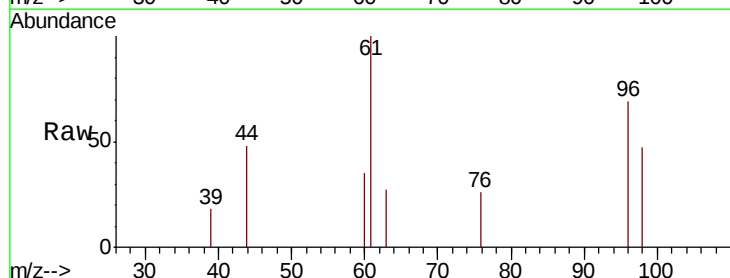
Tgt Ion: 96 Resp: 798

Ion Ratio Lower Upper

96 100

61 143.9 107.2 199.2

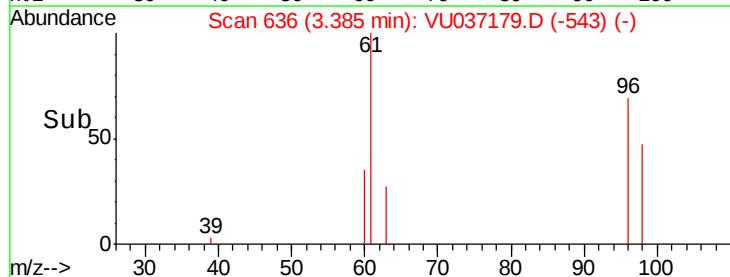
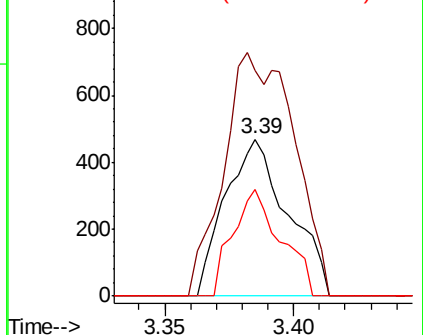
98 67.6 43.6 81.0

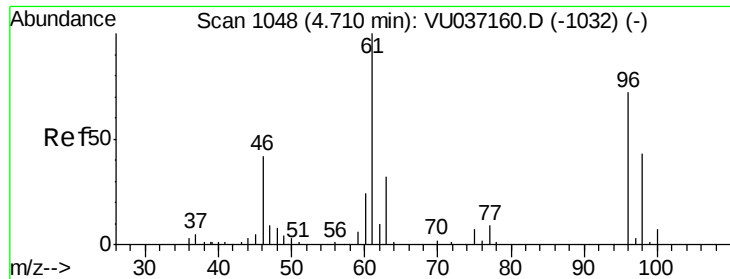


Abundance Ion 96.00 (95.70 to 96.70): VU037160.D (-622) (-)

Ion 61.05 (60.75 to 61.75): VU037160.D (-622) (-)

Ion 97.95 (97.65 to 98.65): VU037160.D (-622) (-)

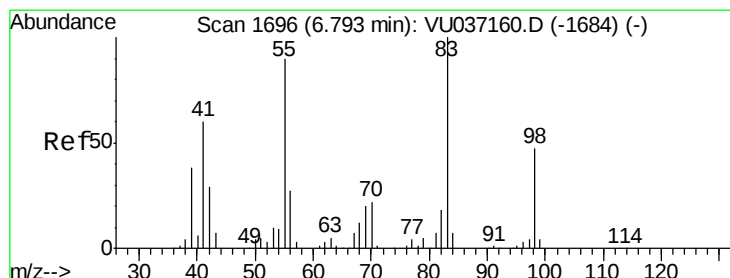
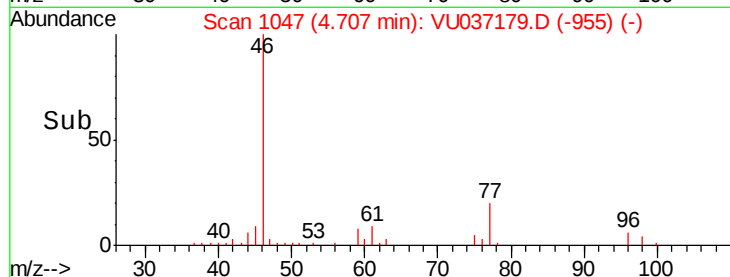
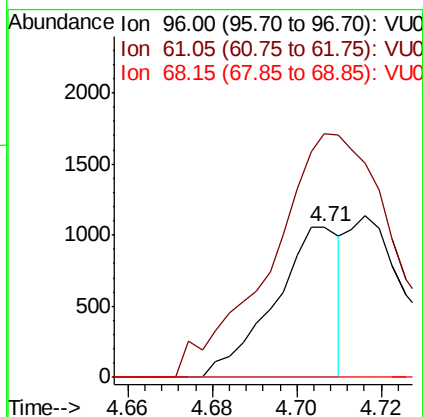
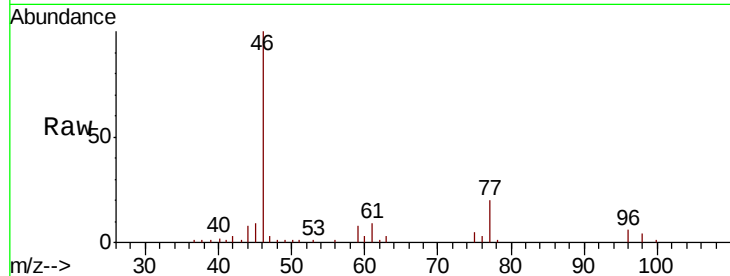




#22
 cis-1,2-Dichloroethene
 Concen: 0.138 ug/L
 RT: 4.71 min Scan# 1047
 Delta R.T. -0.00 min
 Lab File: VU037179.D
 Acq: 11 Mar 2020 20:25

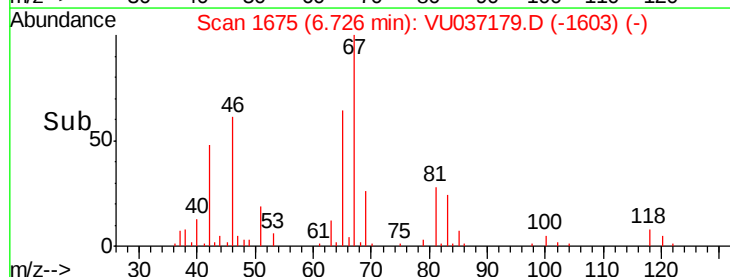
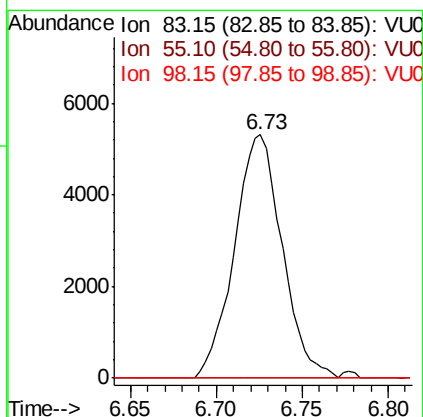
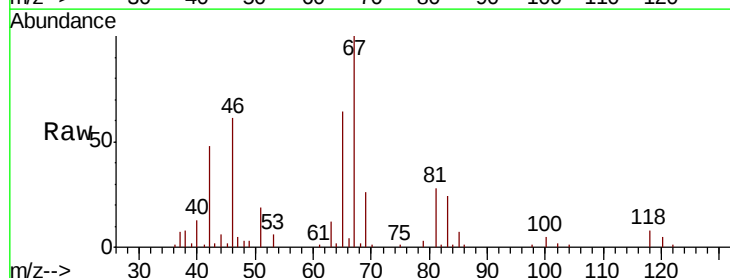
Instrument :
 MSVOA_U
 ClientSampleId :
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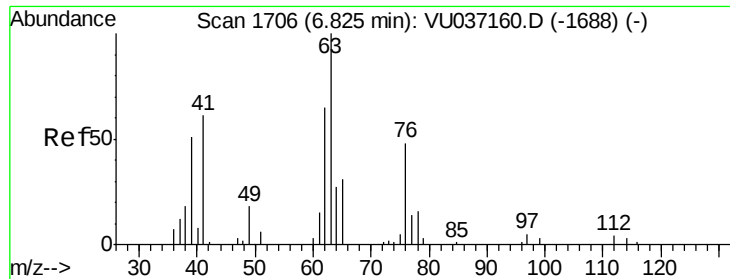
Tot Ion: 96 Resp: 1146
 Ion Ratio Lower Upper
 96 100
 61 161.5 94.1 174.8
 68 0.0 0.0 0.0



#35
 Methylcyclohexane
 Concen: 0.744 ug/L
 RT: 6.73 min Scan# 1675
 Delta R.T. -0.07 min
 Lab File: VU037179.D
 Acq: 11 Mar 2020 20:25

Tgt Ion: 83 Resp: 10248
 Ion Ratio Lower Upper
 83 100
 55 0.0 68.1 102.1#
 98 0.5 37.0 55.4#

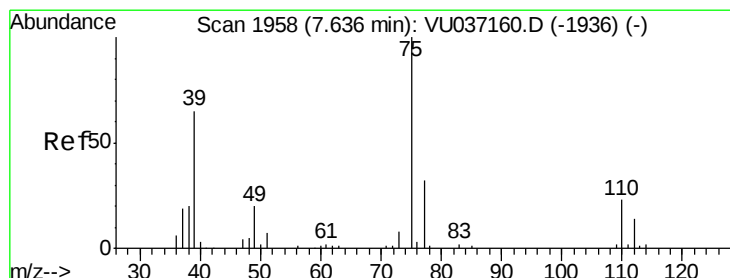
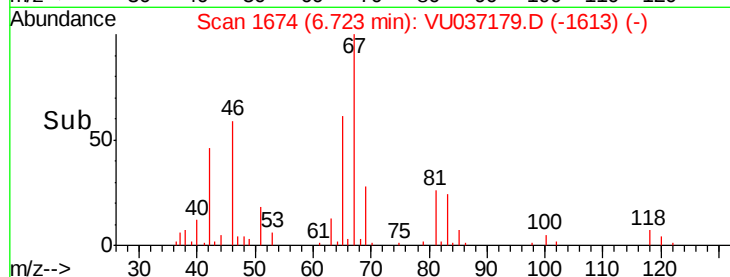
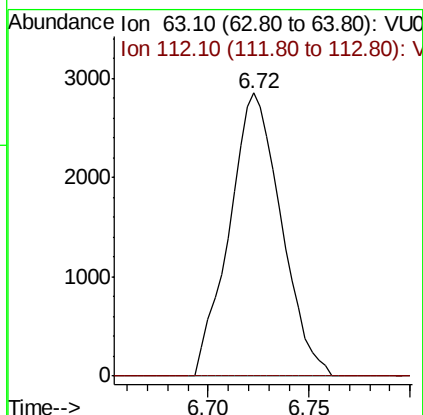
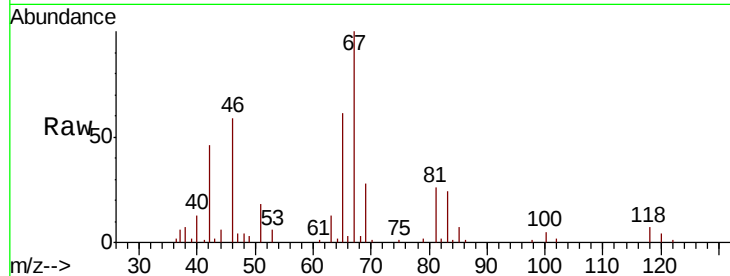




#37
 1,2-Dichloropropane
 Concen: 0.589 ug/L
 RT: 6.72 min Scan# 1674
 Delta R.T. -0.10 min
 Lab File: VU037179.D
 Acq: 11 Mar 2020 20:25

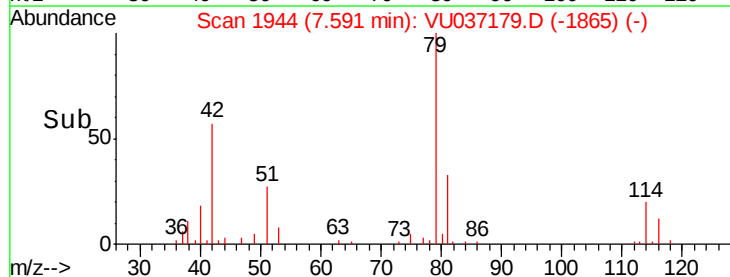
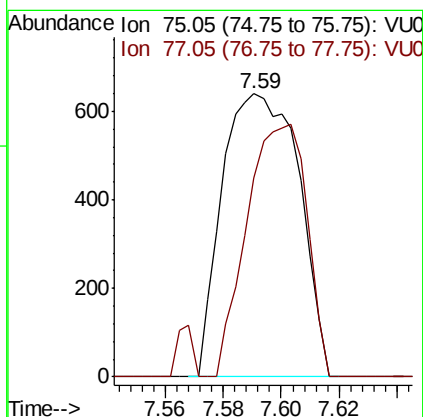
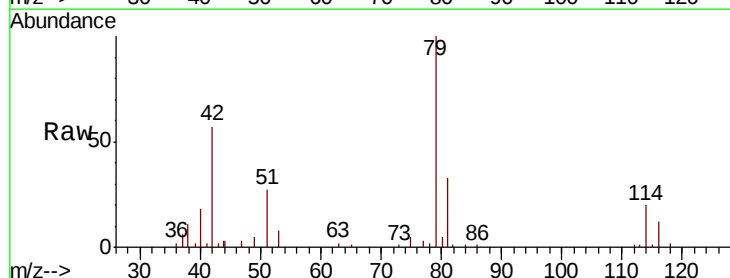
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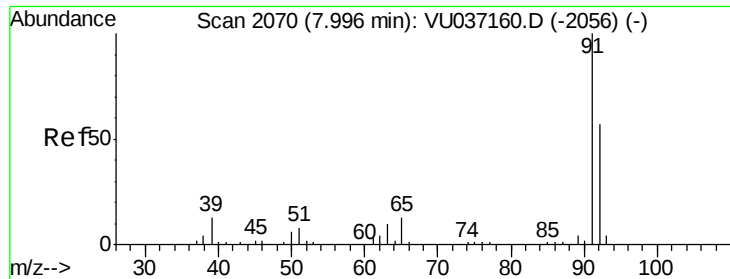
Tot Ion: 63 Resp: 5116
 Ion Ratio Lower Upper
 63 100
 112 0.4 3.0 4.6#



#39
 cis-1,3-Dichloropropene
 Concen: 0.094 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.05 min
 Lab File: VU037179.D
 Acq: 11 Mar 2020 20:25

Tgt Ion: 75 Resp: 1174
 Ion Ratio Lower Upper
 75 100
 77 70.3 21.1 39.1#





#42

Toluene

Concen: 0.093 ug/L

RT: 8.00 min Scan# 2070

Delta R.T. -0.00 min

Lab File: VU037179.D

Acq: 11 Mar 2020 20:25

Instrument :

MSVOA_U

ClientSampleId :

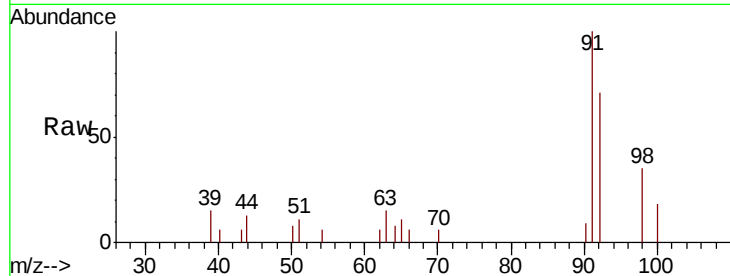
DBER3

Tot Ion: 91 Resp: 3292

Ion Ratio Lower Upper

91 100

92 70.6 41.0 76.2



Abundance Ion 91.15 (90.85 to 91.85): VU037160.D (-2056) (-)

Ion 92.15 (91.85 to 92.85): VU037160.D (-2056) (-)

8.00

2000

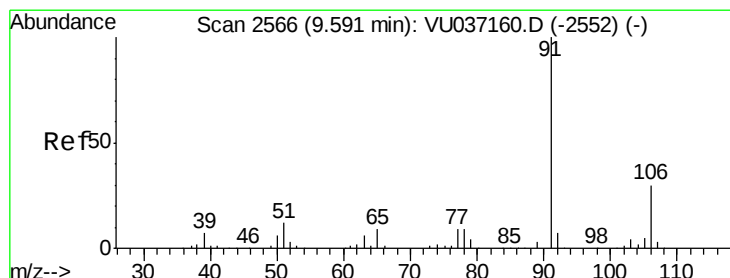
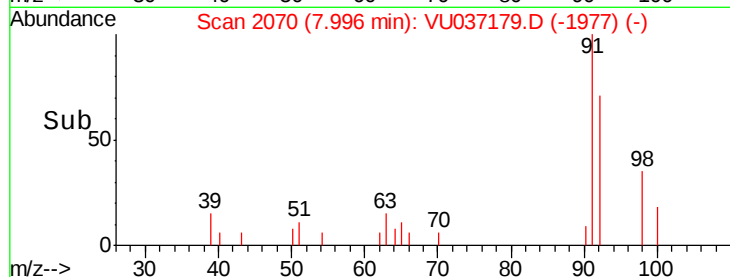
1500

1000

500

0

Time-->



#52

Ethylbenzene

Concen: 0.083 ug/L

RT: 9.59 min Scan# 2566

Delta R.T. -0.00 min

Lab File: VU037179.D

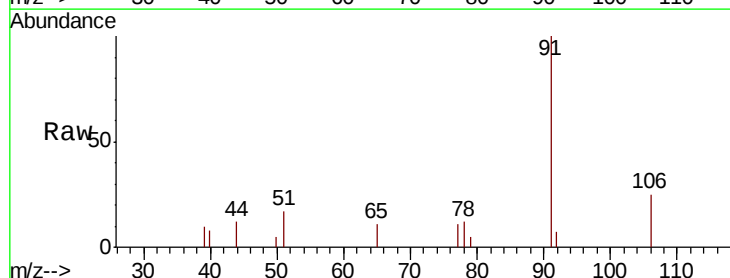
Acq: 11 Mar 2020 20:25

Tgt Ion: 91 Resp: 3251

Ion Ratio Lower Upper

91 100

106 24.7 20.4 37.8



Abundance Ion 91.15 (90.85 to 91.85): VU037160.D (-2552) (-)

Ion 106.15 (105.85 to 106.85): VU037160.D (-2552) (-)

9.59

2500

2000

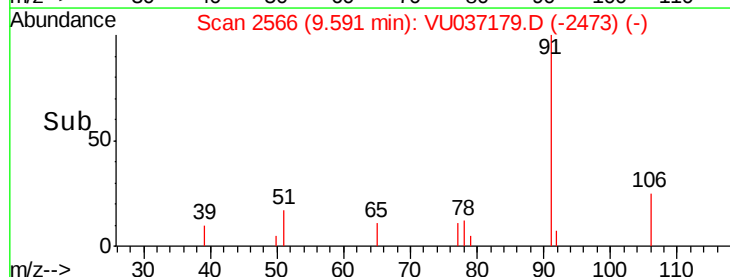
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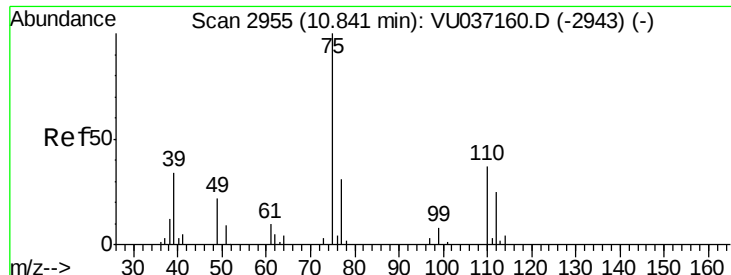
1000

500

0

Time-->





#59

1,2,3-Trichloropropane

Concen: 1.092 ug/L

RT: 11.83 min Scan# 3262

Delta R.T. 0.99 min

Lab File: VU037179.D

Acq: 11 Mar 2020 20:25

Instrument :

MSVOA_U

ClientSampleId :

DBER3

Tot Ion: 75 Resp: 6786

Ion Ratio Lower Upper

75 100

77 37.5 27.4 41.0

