

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU031420\
 Data File : VU037280.D
 Acq On : 14 Mar 2020 22:21
 Operator : JC/MD
 Sample : L1923-15
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 CONJ4

Quant Time: Mar 16 05:20:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR031120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Mar 16 05:16:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	125879	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	126163	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	49906	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	34871	4.22	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.40%
7) Chloroethane-d5	1.93	69	31777	5.44	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.80%
11) 1,1-Dichloroethene-d2	2.59	63	50750	2.98	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.60%#
20) 2-Butanone-d5	4.67	46	97616	46.17	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.34%
24) Chloroform-d	5.11	84	75174	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.00%
26) 1,2-Dichloroethane-d4	5.74	65	45415	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.60%
32) Benzene-d6	5.76	84	138833	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.60%
36) 1,2-Dichloropropane-d6	6.72	67	43625	4.35	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.00%
41) Toluene-d8	7.93	98	120707	4.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.00%
43) trans-1,3-Dichloropropene-	8.21	79	16992	4.20	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.00%
46) 2-Hexanone-d5	8.66	63	76278	45.25	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.50%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	36809	4.46	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.20%
64) 1,2-Dichlorobenzene-d4	12.21	152	42551	4.94	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.80%

Target Compounds

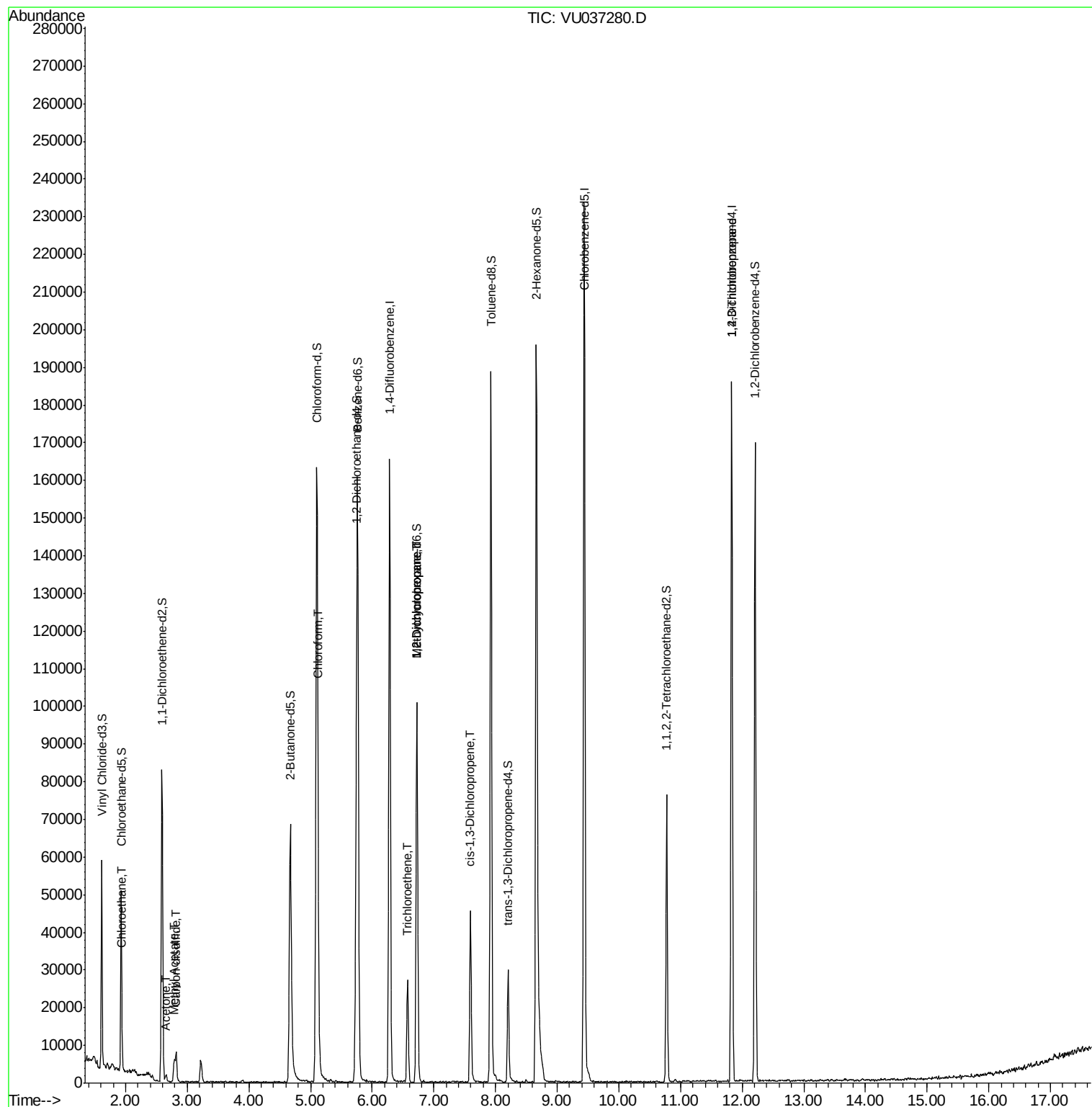
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
8) Chloroethane	1.95	64	661	0.104	ug/L #	43
13) Acetone	2.66	43	2089	1.206	ug/L	90
14) Carbon disulfide	2.82	76	9622	0.353	ug/L	100
15) Methyl Acetate	2.79	43	1953	0.482	ug/L #	55
25) Chloroform	5.13	83	8465	0.441	ug/L	84
34) Trichloroethene	6.57	95	8432	0.837	ug/L	96
35) Methylcyclohexane	6.72	83	10908	0.701	ug/L #	15
37) 1,2-Dichloropropane	6.72	63	5503	0.561	ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	1200	0.085	ug/L #	31
59) 1,2,3-Trichloropropane	11.83	75	6408	0.912	ug/L	93

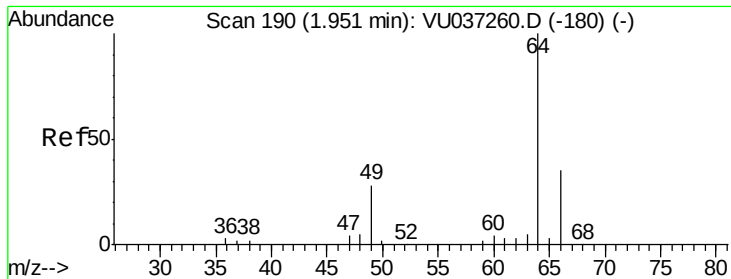
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU031420\
Data File : VU037280.D
Acq On : 14 Mar 2020 22:21
Operator : JC/MD
Sample : L1923-15
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
CONJ4

Quant Time: Mar 16 05:20:53 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR031120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Mar 16 05:16:55 2020
Response via : Initial Calibration





#8

Chloroethane

Concen: 0.104 ug/L

RT: 1.95 min Scan# 190

Delta R.T. 0.00 min

Lab File: VU037280.D

Acq: 14 Mar 2020 22:21

Instrument :

MSVOA_U

ClientSampled :

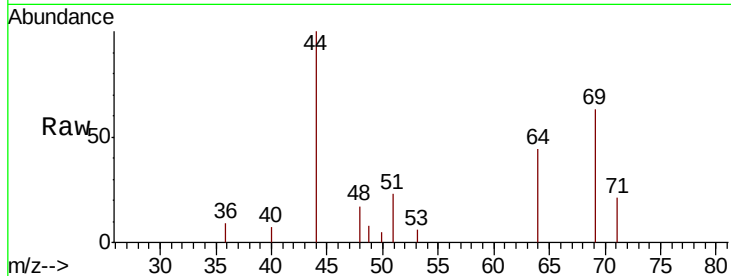
CONJ4

Tot Ion: 64 Resp: 661

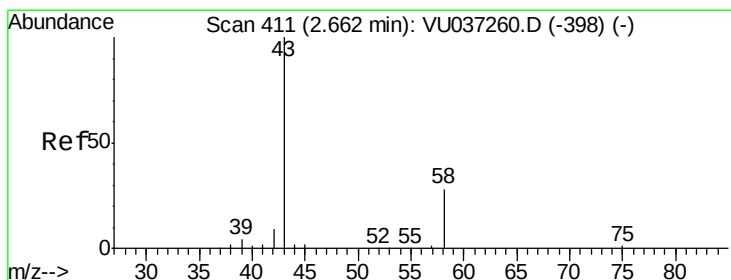
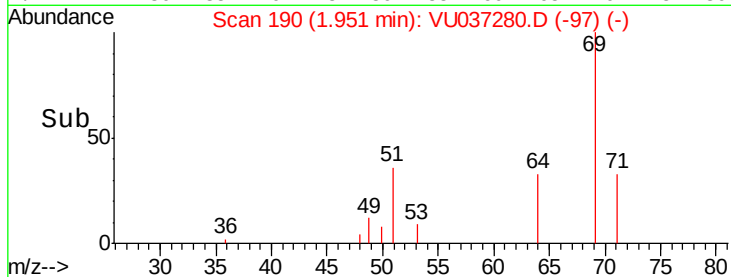
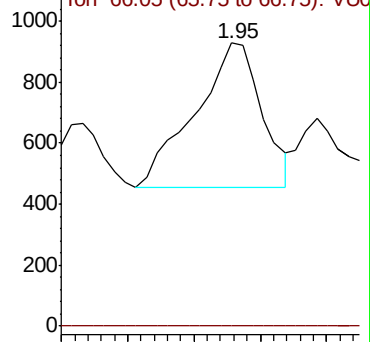
Ion Ratio Lower Upper

64 100

66 0.0 22.0 40.8#



Abundance Ion 64.10 (63.80 to 64.80): VU037280.D (-180) (-)



#13

Acetone

Concen: 1.206 ug/L

RT: 2.66 min Scan# 409

Delta R.T. -0.01 min

Lab File: VU037280.D

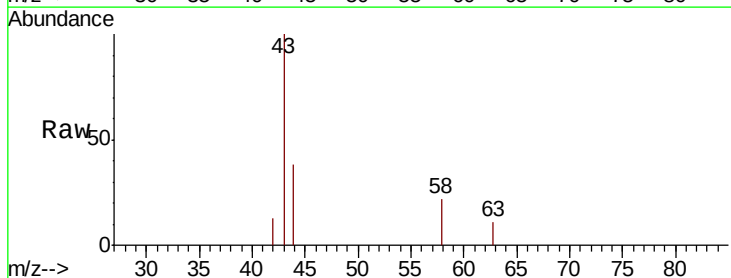
Acq: 14 Mar 2020 22:21

Tgt Ion: 43 Resp: 2089

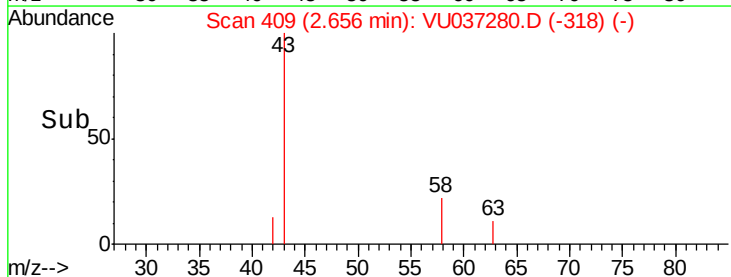
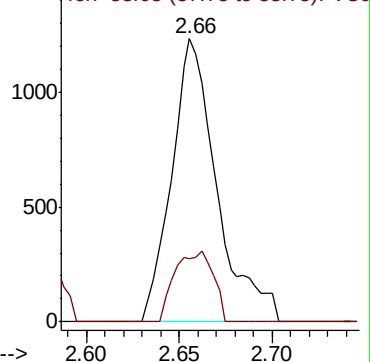
Ion Ratio Lower Upper

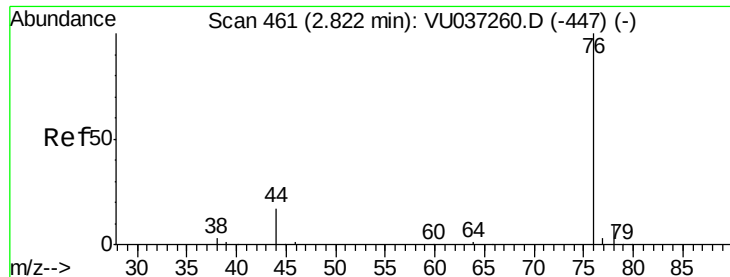
43 100

58 21.1 0.0 52.2



Abundance Ion 43.05 (42.75 to 43.75): VU037280.D (-318) (-)

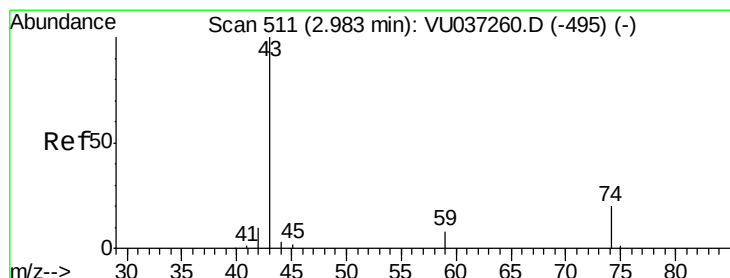
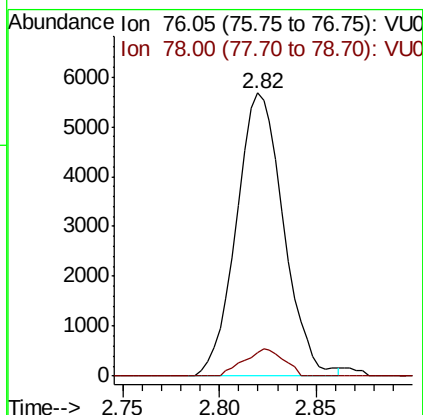
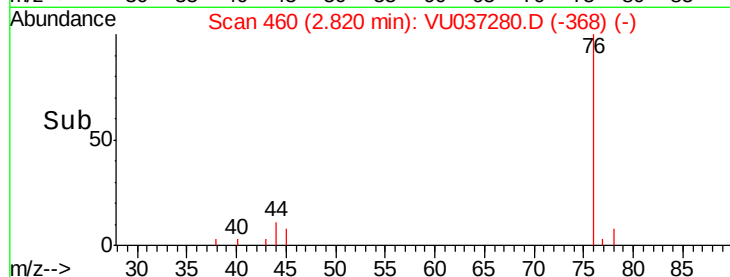
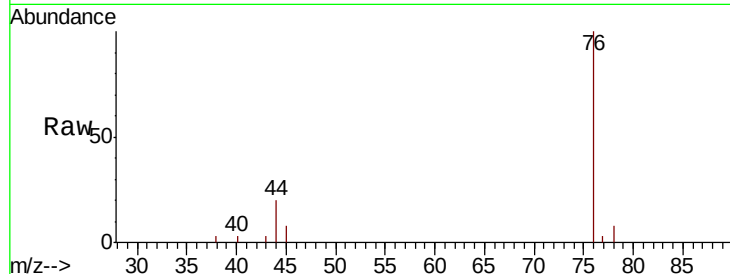




#14
Carbon disulfide
Concen: 0.353 ug/L
RT: 2.82 min Scan# 460
Delta R.T. -0.00 min
Lab File: VU037280.D
Acq: 14 Mar 2020 22:21

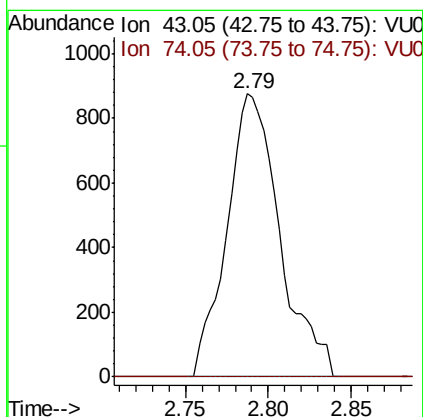
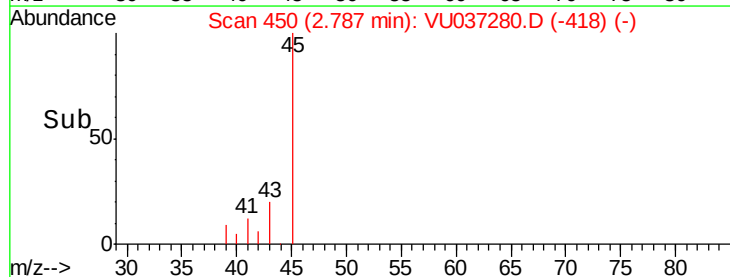
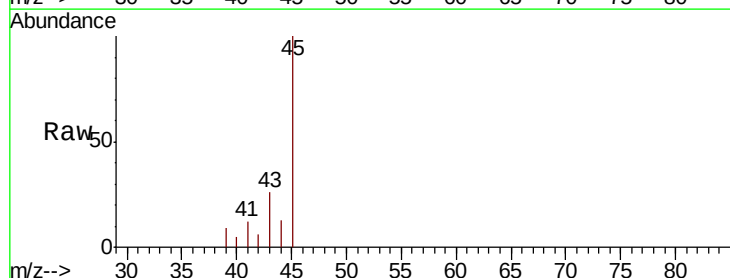
Instrument :
MSVOA_U
ClientSampleId :
CONJ4

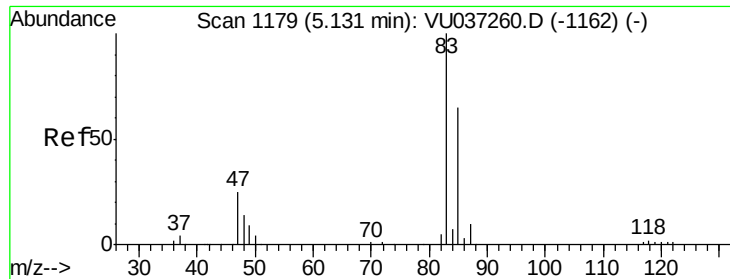
Tot Ion: 76 Resp: 9622
Ion Ratio Lower Upper
76 100
78 8.4 6.9 10.3



#15
Methyl Acetate
Concen: 0.482 ug/L
RT: 2.79 min Scan# 450
Delta R.T. -0.20 min
Lab File: VU037280.D
Acq: 14 Mar 2020 22:21

Tgt Ion: 43 Resp: 1953
Ion Ratio Lower Upper
43 100
74 0.0 17.1 25.7#





#25

Chloroform

Concen: 0.441 ug/L

RT: 5.13 min Scan# 1178

Delta R.T. -0.00 min

Lab File: VU037280.D

Acq: 14 Mar 2020 22:21

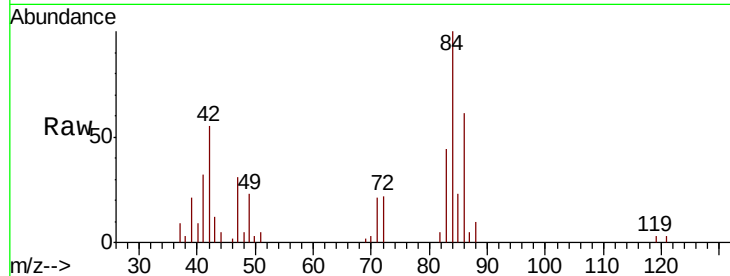
Instrument :
MSVOA_U
ClientSampleId :
CONJ4

Tot Ion: 83 Resp: 8465

Ion Ratio Lower Upper

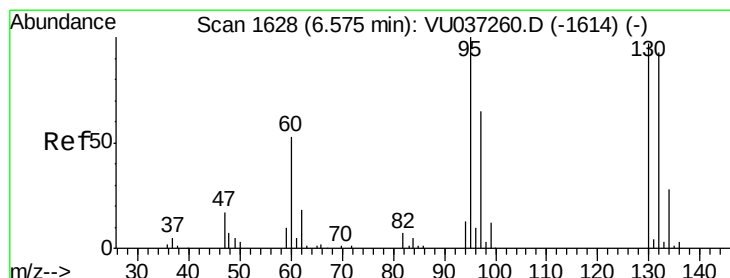
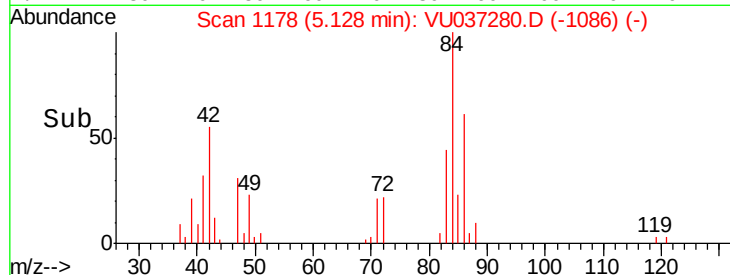
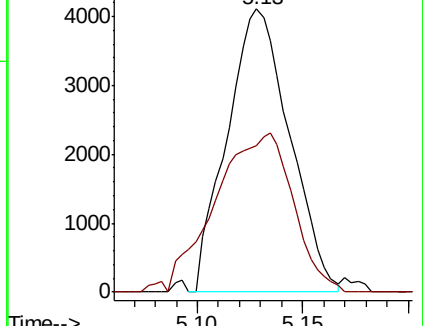
83 100

85 51.9 45.3 84.1



Abundance Ion 83.05 (82.75 to 83.75): VU037260.D (-1162) (-)

Ion 85.00 (84.70 to 85.70): VU037280.D (-1086) (-)



#34

Trichloroethene

Concen: 0.837 ug/L

RT: 6.57 min Scan# 1628

Delta R.T. 0.00 min

Lab File: VU037280.D

Acq: 14 Mar 2020 22:21

Tgt Ion: 95 Resp: 8432

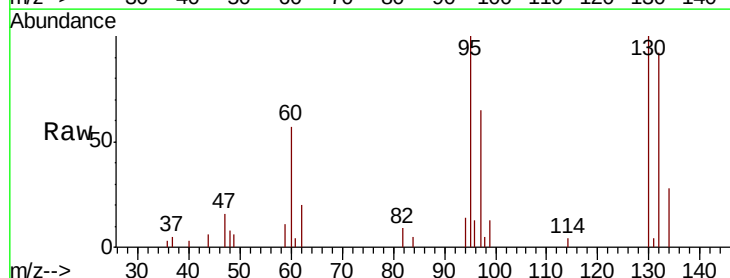
Ion Ratio Lower Upper

95 100

97 64.8 45.4 84.4

132 92.9 63.7 118.3

130 100.4 64.8 120.4

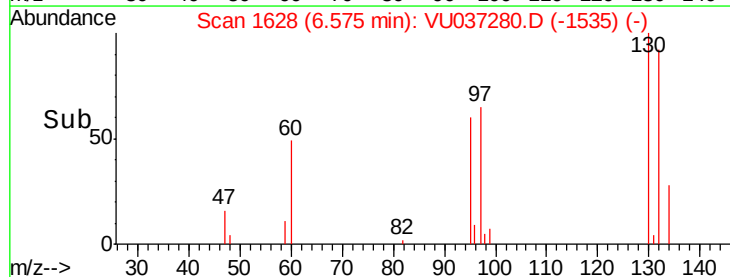
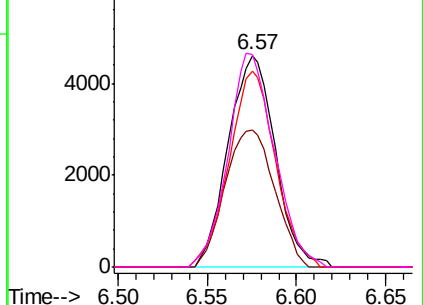


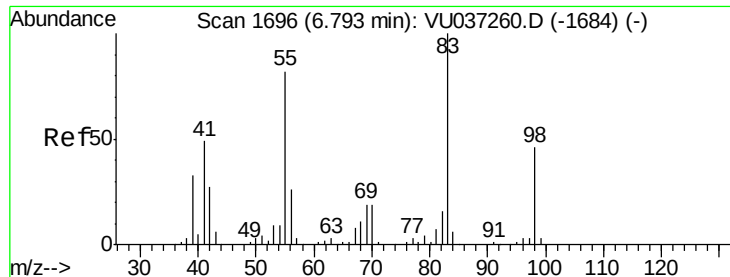
Abundance Ion 95.00 (94.70 to 95.70): VU037260.D (-1614) (-)

Ion 96.95 (96.65 to 97.65): VU037280.D (-1535) (-)

Ion 131.95 (131.65 to 132.65): VU037280.D (-1535) (-)

Ion 129.95 (129.65 to 130.65): VU037280.D (-1535) (-)

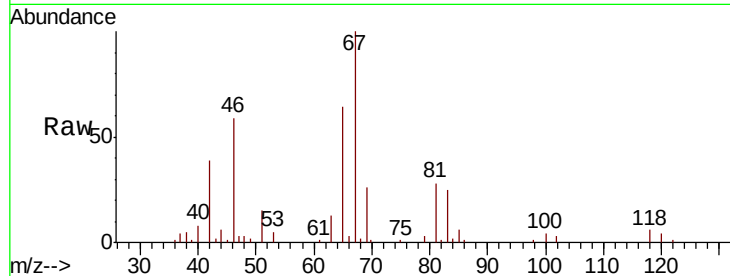




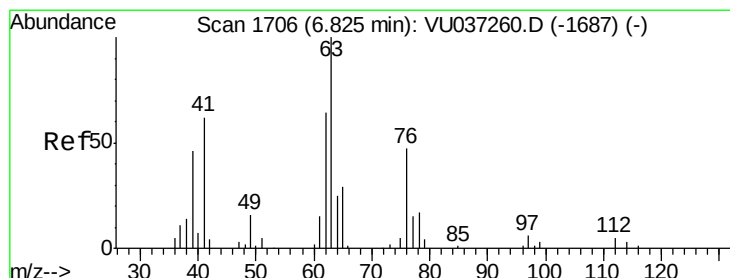
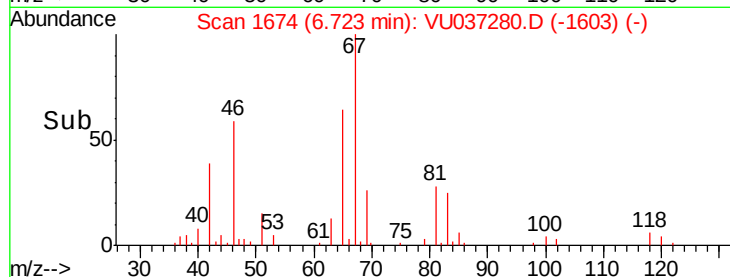
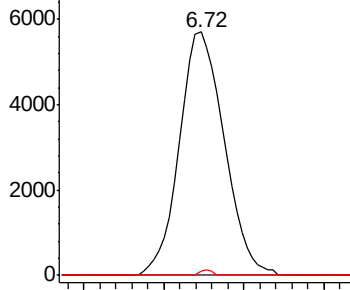
#35
Methylvlcyclohexane
Concen: 0.701 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU037280.D
Acq: 14 Mar 2020 22:21

Instrument :
MSVOA_U
ClientSampleId :
CONJ4

Tot Ion: 83 Resp: 10908
Ion Ratio Lower Upper
83 100
55 0.0 68.1 102.1#
98 0.6 37.0 55.4#

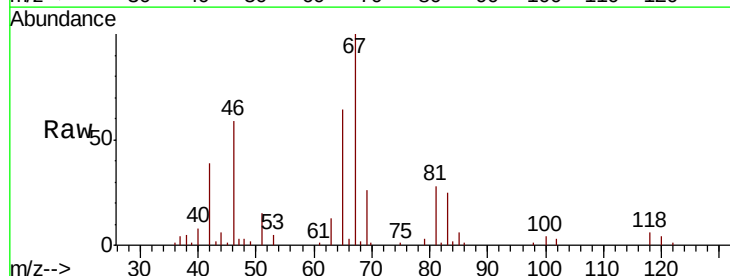


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

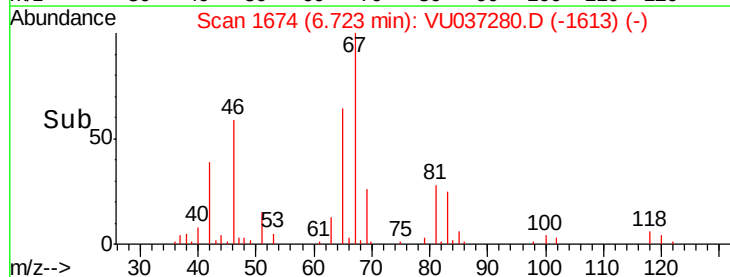
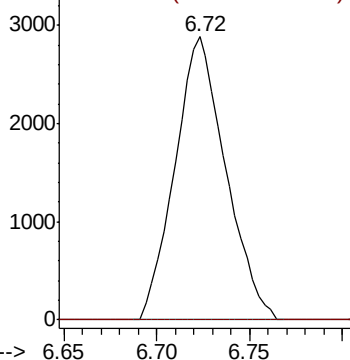


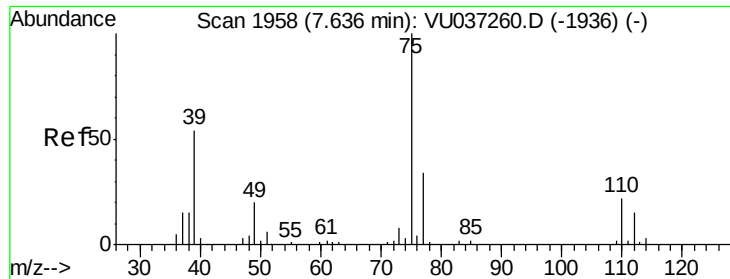
#37
1,2-Dichloropropane
Concen: 0.561 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.10 min
Lab File: VU037280.D
Acq: 14 Mar 2020 22:21

Tgt Ion: 63 Resp: 5503
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.6#



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: 0.085 ug/L

RT: 7.59 min Scan# 1945

Delta R.T. -0.04 min

Lab File: VU037280.D

Acq: 14 Mar 2020 22:21

Instrument :

MSVOA_U

ClientSampled :

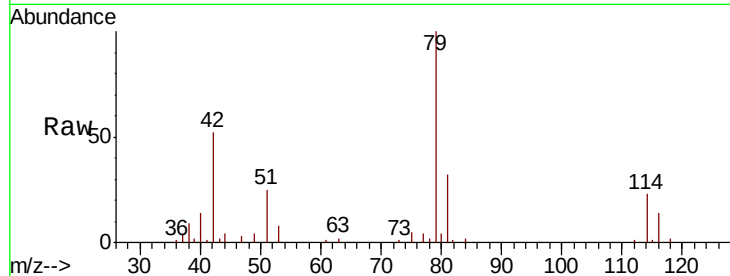
CONJ4

Tot Ion: 75 Resp: 1200

Ion Ratio Lower Upper

75 100

77 67.5 21.1 39.1#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0

800

600

400

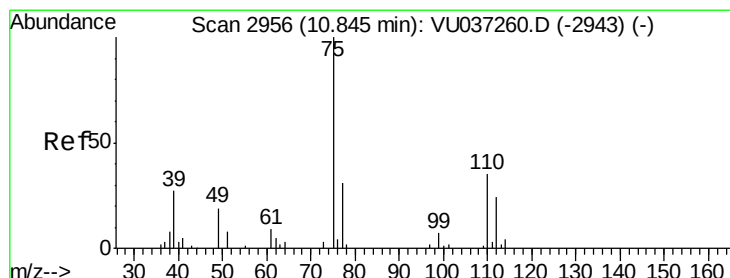
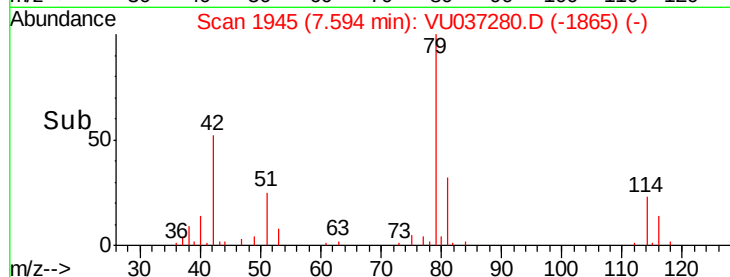
200

0

7.55 7.60

7.59

Time-->



#59

1,2,3-Trichloropropane

Concen: 0.912 ug/L

RT: 11.83 min Scan# 3263

Delta R.T. 0.99 min

Lab File: VU037280.D

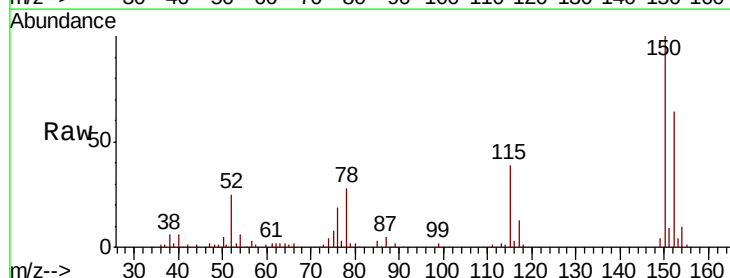
Acq: 14 Mar 2020 22:21

Tgt Ion: 75 Resp: 6408

Ion Ratio Lower Upper

75 100

77 38.5 27.4 41.0



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

4000

3000

2000

1000

0

11.80 11.85

11.83

Time-->

