

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU081320\
 Data File : VU039851.D
 Acq On : 13 Aug 2020 15:17
 Operator : SY/MD
 Sample : L3683-01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG0B1

Quant Time: Aug 14 01:49:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR080320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Aug 14 01:47:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	69451	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	69559	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	33333	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	17295	4.61	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.20%
7) Chloroethane-d5	1.92	69	18467	4.55	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.00%
11) 1,1-Dichloroethene-d2	2.58	63	26856	3.56	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.20%
20) 2-Butanone-d5	4.65	46	74333	45.07	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.14%
24) Chloroform-d	5.08	84	38719	4.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.60%
26) 1,2-Dichloroethane-d4	5.72	65	24906	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.20%
32) Benzene-d6	5.74	84	73414	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.80%
36) 1,2-Dichloropropane-d6	6.70	67	25746	4.54	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.80%
41) Toluene-d8	7.91	98	59015	4.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.40%
43) trans-1,3-Dichloropropene-	8.19	79	9479	4.36	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.20%
46) 2-Hexanone-d5	8.64	63	51231	43.57	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.14%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	22915	4.16	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	26791	4.70	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.00%

Target Compounds

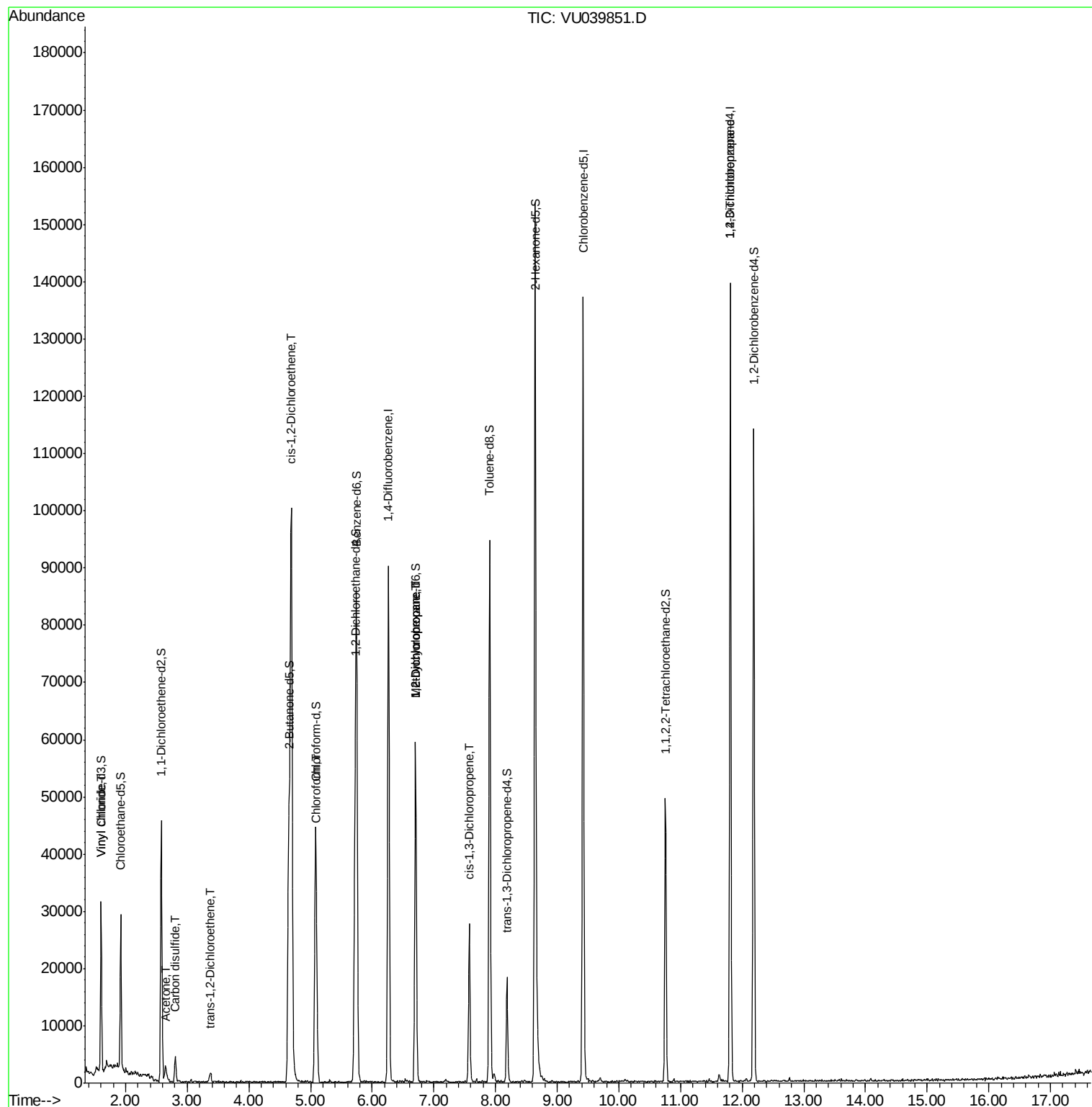
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.61	62	657	0.116	ug/L #	1
13) Acetone	2.65	43	4456	4.582	ug/L	80
14) Carbon disulfide	2.81	76	5158	0.398	ug/L	99
18) trans-1,2-Dichloroethene	3.37	96	677	0.147	ug/L #	82
22) cis-1,2-Dichloroethene	4.69	96	45355	9.041	ug/L	97
25) Chloroform	5.10	83	2730	0.298	ug/L	80
35) Methylcyclohexane	6.70	83	5994	0.763	ug/L #	19
37) 1,2-Dichloropropane	6.70	63	2908	0.578	ug/L #	86
39) cis-1,3-Dichloropropene	7.57	75	883	0.129	ug/L	84
59) 1,2,3-Trichloropropane	11.81	75	4916	1.354	ug/L	91

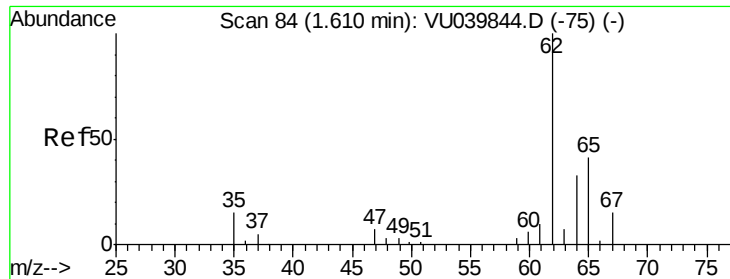
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU081320\
Data File : VU039851.D
Acq On : 13 Aug 2020 15:17
Operator : SY/MD
Sample : L3683-01
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BG0B1

Quant Time: Aug 14 01:49:20 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR080320WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Aug 14 01:47:04 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.116 ug/L

RT: 1.61 min Scan# 83

Delta R.T. -0.00 min

Lab File: VU039851.D

Acq: 13 Aug 2020 15:17

Instrument :

MSVOA_U

ClientSampled :

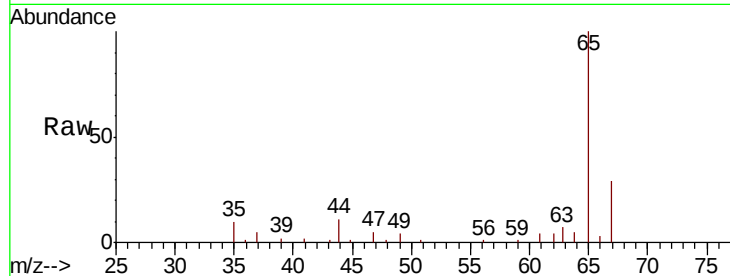
BG0B1

Tot Ion: 62 Resp: 657

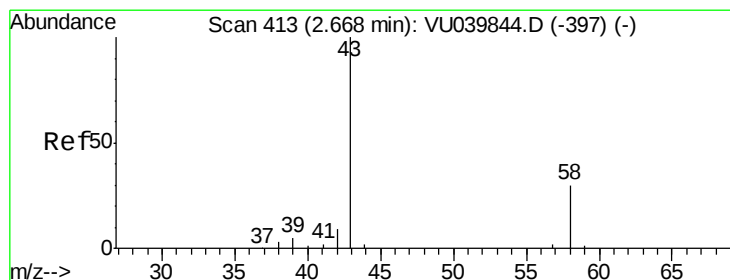
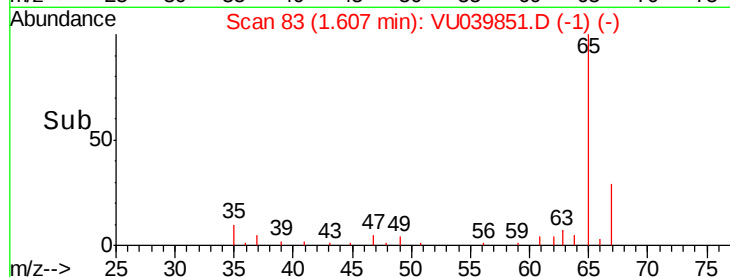
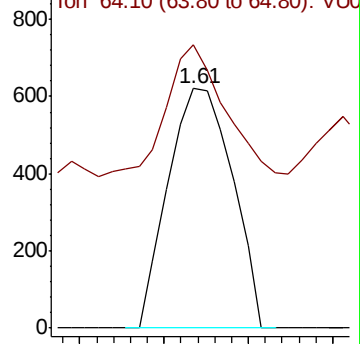
Ion Ratio Lower Upper

62 100

64 118.2 24.1 44.7#



Abundance Ion 62.00 (61.70 to 62.70): VU039844.D (-75) (-)



#13

Acetone

Concen: 4.582 ug/L

RT: 2.65 min Scan# 406

Delta R.T. -0.02 min

Lab File: VU039851.D

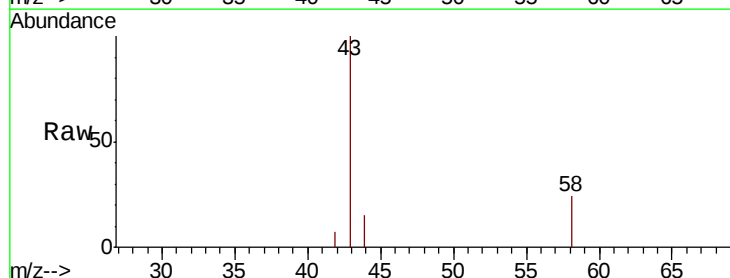
Acq: 13 Aug 2020 15:17

Tgt Ion: 43 Resp: 4456

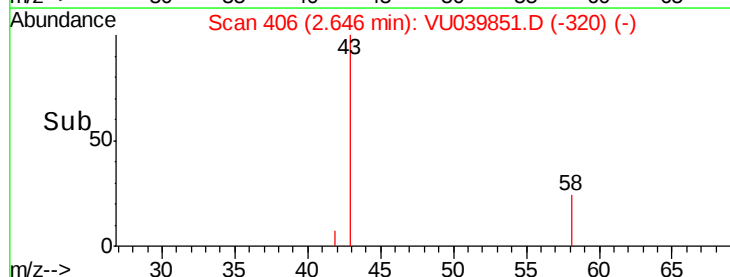
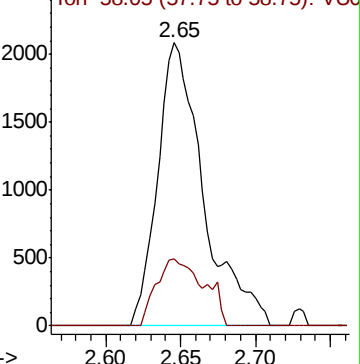
Ion Ratio Lower Upper

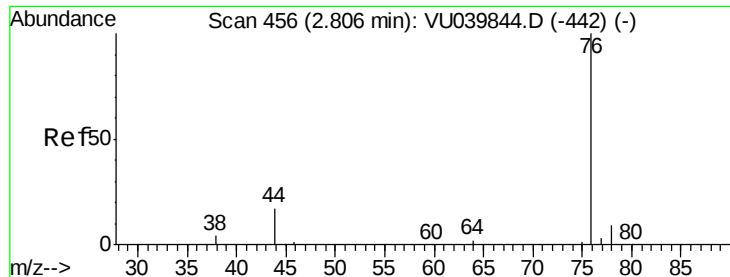
43 100

58 20.1 0.0 61.8



Abundance Ion 43.05 (42.75 to 43.75): VU039844.D (-397) (-)





#14

Carbon disulfide

Concen: 0.398 ug/L

RT: 2.81 min Scan# 456

Delta R.T. 0.00 min

Lab File: VU039851.D

Acq: 13 Aug 2020 15:17

Instrument :

MSVOA_U

ClientSampleId :

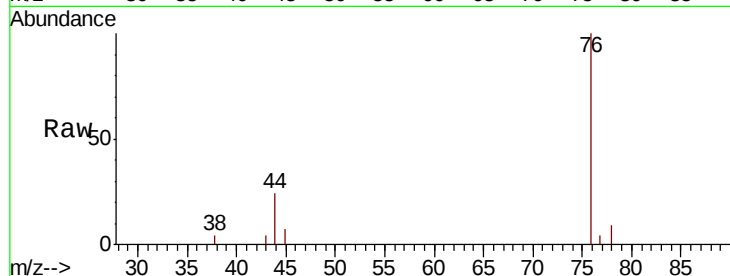
BG0B1

Tot Ion: 76 Resp: 5158

Ion Ratio Lower Upper

76 100

78 9.2 7.8 11.6



Abundance Ion 76.05 (75.75 to 76.75): VU039844.D (-442) (-)

Ion 78.00 (77.70 to 78.70): VU039844.D (-442) (-)

2.81

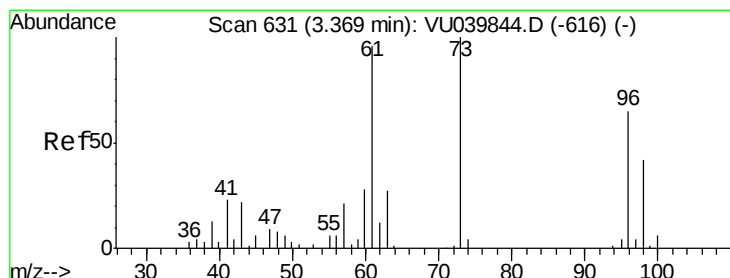
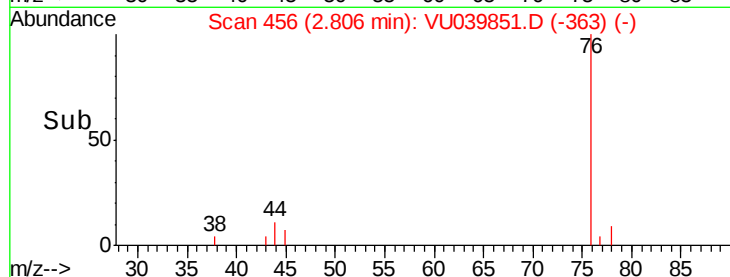
3000

2000

1000

0

Time-->



#18

trans-1,2-Dichloroethene

Concen: 0.147 ug/L

RT: 3.37 min Scan# 630

Delta R.T. -0.00 min

Lab File: VU039851.D

Acq: 13 Aug 2020 15:17

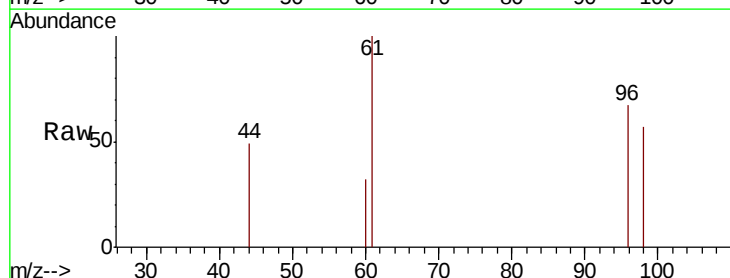
Tgt Ion: 96 Resp: 677

Ion Ratio Lower Upper

96 100

61 149.8 96.5 179.1

98 85.6 40.9 76.0#



Abundance Ion 96.00 (95.70 to 96.70): VU039844.D (-616) (-)

Ion 61.05 (60.75 to 61.75): VU039844.D (-616) (-)

Ion 97.95 (97.65 to 98.65): VU039844.D (-616) (-)

3.37

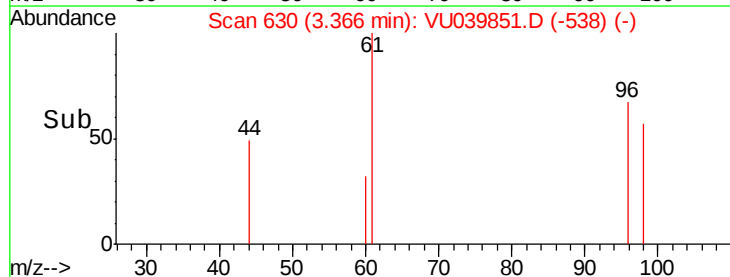
600

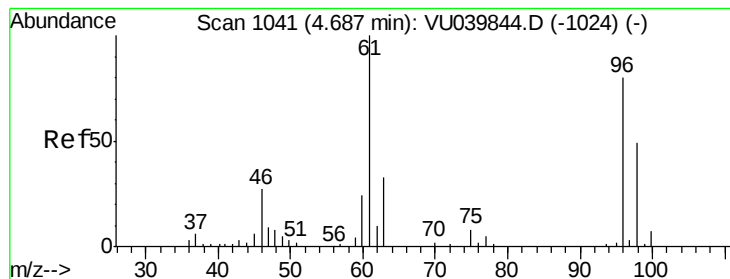
400

200

0

Time-->





#22

cis-1,2-Dichloroethene

Concen: 9.041 ug/L

RT: 4.69 min Scan# 1041

Delta R.T. 0.00 min

Lab File: VU039851.D

Acq: 13 Aug 2020 15:17

Instrument :

MSVOA_U

ClientSampleId :

BG0B1

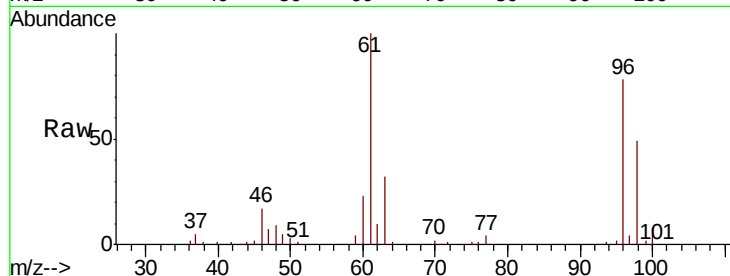
Tot Ion: 96 Resp: 45355

Ion Ratio Lower Upper

96 100

61 128.5 87.4 162.2

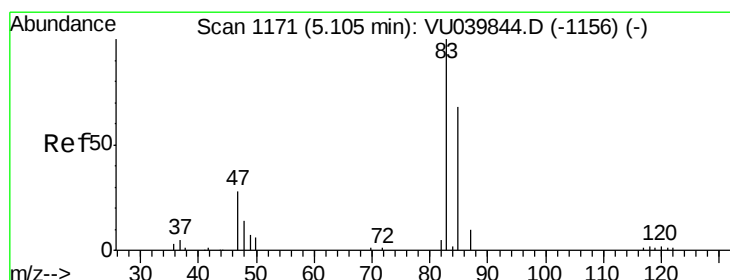
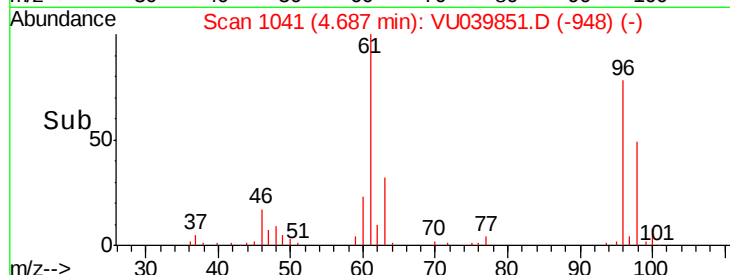
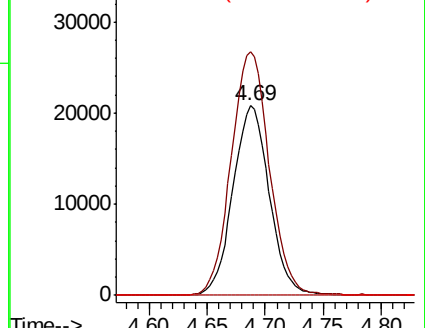
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU039851.D (-948) (-)

Ion 61.05 (60.75 to 61.75): VU039851.D (-948) (-)

Ion 68.15 (67.85 to 68.85): VU039851.D (-948) (-)



#25

Chloroform

Concen: 0.298 ug/L

RT: 5.10 min Scan# 1170

Delta R.T. -0.00 min

Lab File: VU039851.D

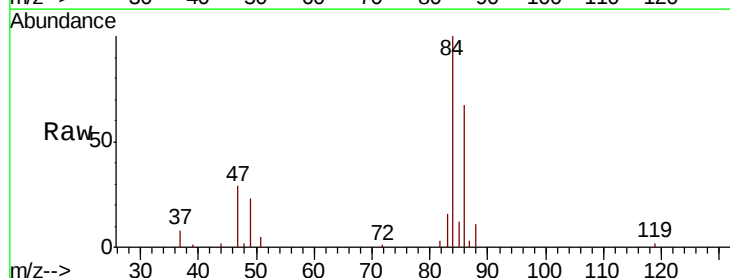
Acq: 13 Aug 2020 15:17

Tgt Ion: 83 Resp: 2730

Ion Ratio Lower Upper

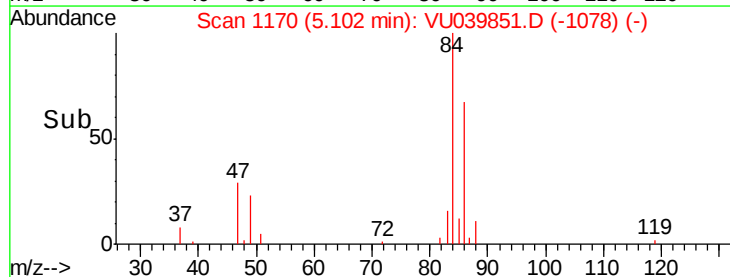
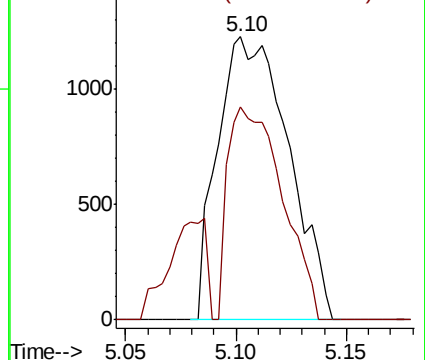
83 100

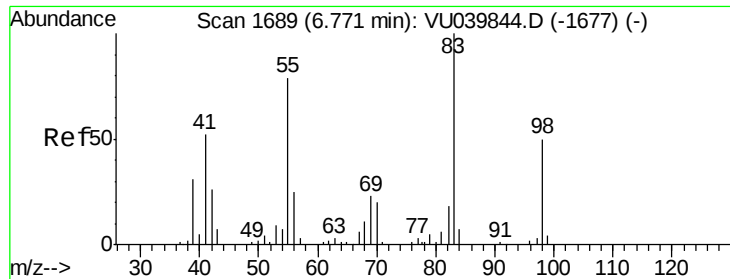
85 75.1 42.1 78.3



Abundance Ion 83.05 (82.75 to 83.75): VU039851.D (-1078) (-)

Ion 85.00 (84.70 to 85.70): VU039851.D (-1078) (-)

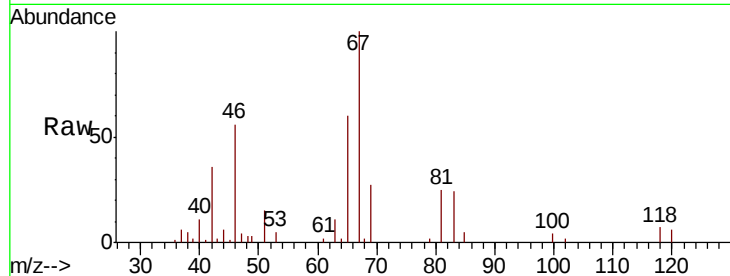




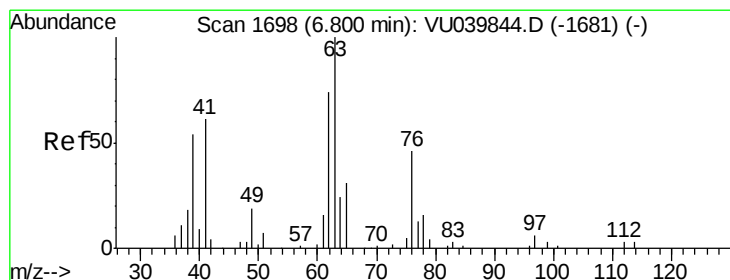
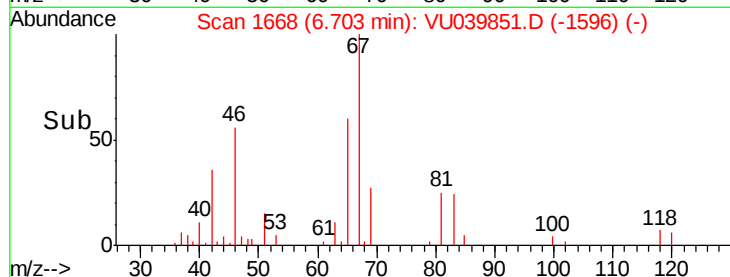
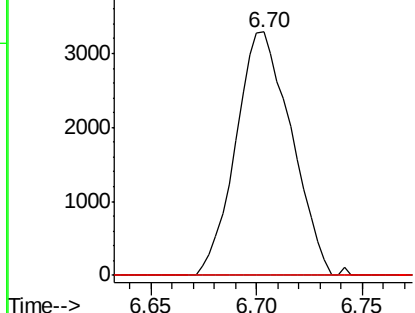
#35
Methvlcvclohexane
Concen: 0.763 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU039851.D
Acq: 13 Aug 2020 15:17

Instrument :
MSVOA_U
ClientSampleId :
BG0B1

Tot Ion	Ratio	Lower	Upper
83	100		
55	0.0	59.4	89.0#
98	0.0	39.0	58.4#

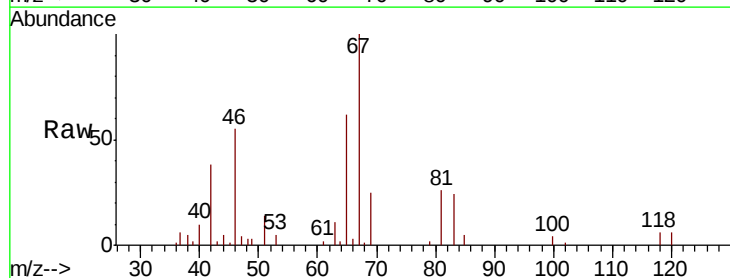


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

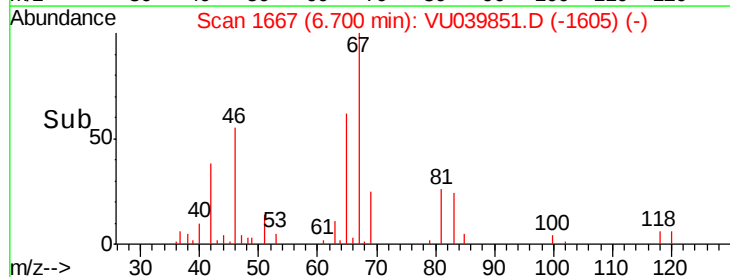
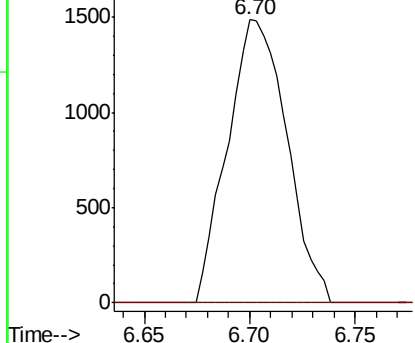


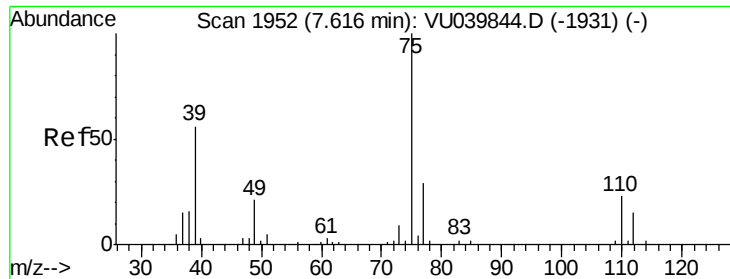
#37
1,2-Dichloropropane
Concen: 0.578 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.10 min
Lab File: VU039851.D
Acq: 13 Aug 2020 15:17

Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.8	5.6#



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



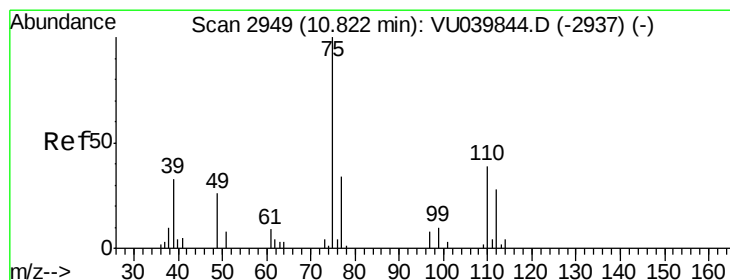
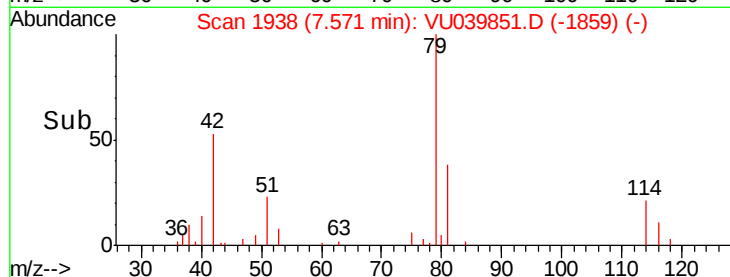
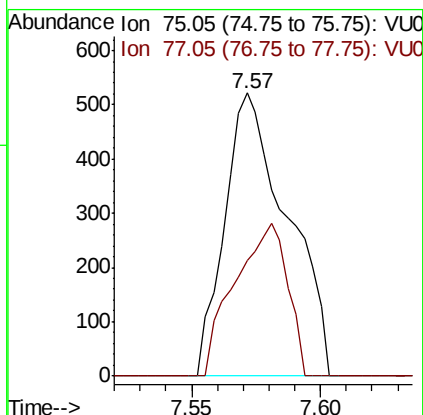
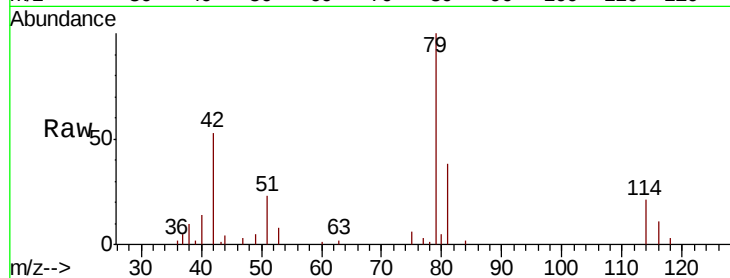


#39

cis-1,3-Dichloropropene
Concen: 0.129 ug/L
RT: 7.57 min Scan# 1938
Delta R.T. -0.04 min
Lab File: VU039851.D
Acq: 13 Aug 2020 15:17

Instrument :
MSVOA_U
ClientSampleId :
BG0B1

Tot Ion: 75 Resp: 883
Ion Ratio Lower Upper
75 100
77 40.8 22.4 41.6



#59

1,2,3-Trichloropropane
Concen: 1.354 ug/L
RT: 11.81 min Scan# 3255
Delta R.T. 0.98 min
Lab File: VU039851.D
Acq: 13 Aug 2020 15:17

Tgt Ion: 75 Resp: 4916
Ion Ratio Lower Upper
75 100
77 35.7 24.6 37.0

