

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU081420\
 Data File : VU039862.D
 Acq On : 14 Aug 2020 16:08
 Operator : SY/MD
 Sample : L3683-04DL 5X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 17 05:24:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR080320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Aug 17 05:23:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	75227	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	73585	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	35249	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	18992	4.68	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.60%
7) Chloroethane-d5	1.92	69	20224	4.60	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.00%
11) 1,1-Dichloroethene-d2	2.58	63	28310	3.46	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.20%
20) 2-Butanone-d5	4.65	46	92834	51.96	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.92%
24) Chloroform-d	5.08	84	45861	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.40%
26) 1,2-Dichloroethane-d4	5.72	65	28456	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.20%
32) Benzene-d6	5.74	84	83286	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.20%
36) 1,2-Dichloropropane-d6	6.70	67	28871	4.82	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.40%
41) Toluene-d8	7.91	98	66487	4.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.60%
43) trans-1,3-Dichloropropene-	8.19	79	11577	5.04	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.80%
46) 2-Hexanone-d5	8.64	63	67795	54.50	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.00%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	26278	4.51	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	32548	5.40	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.00%

Target Compounds

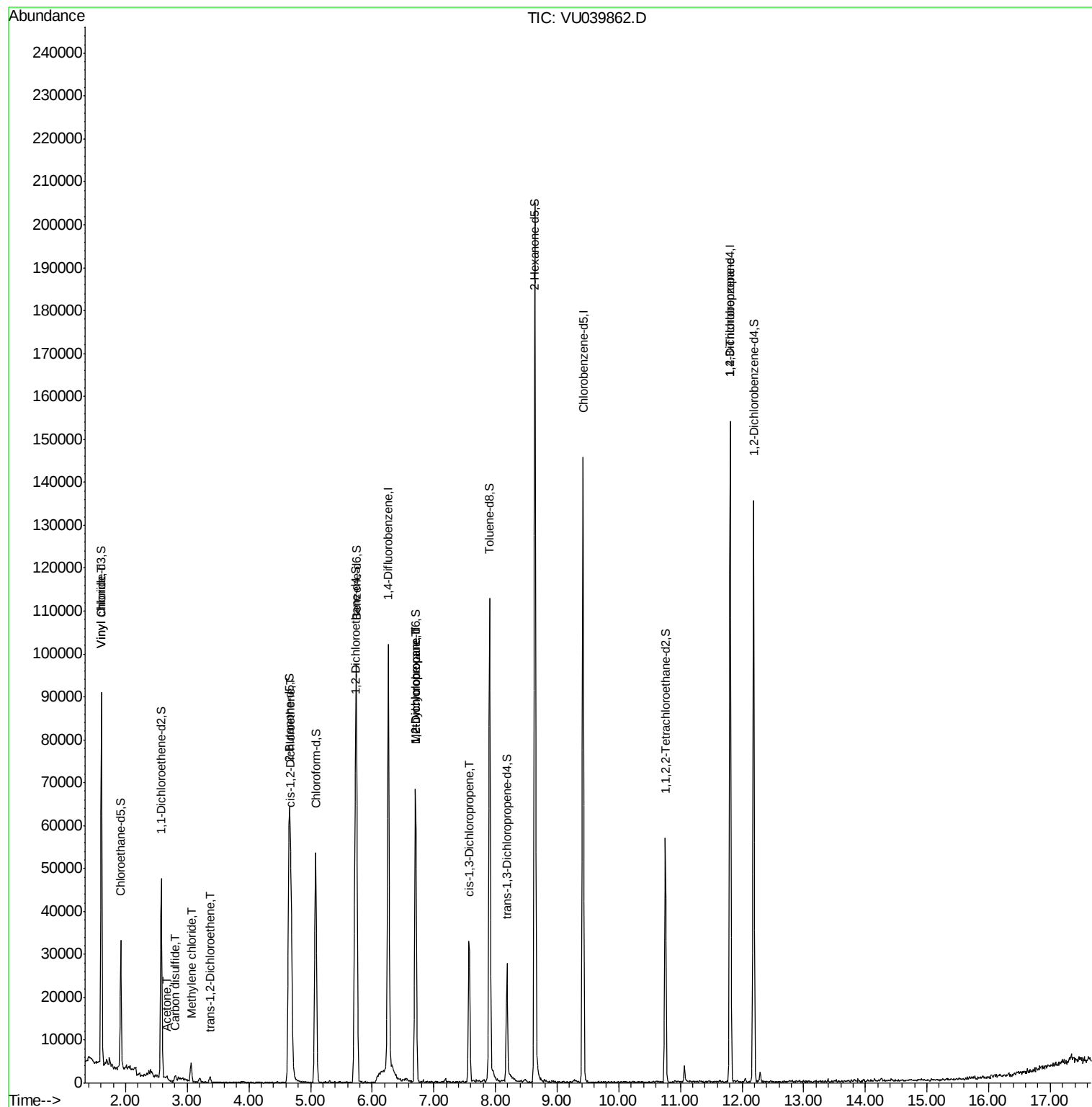
					Ovalue
5) Vinyl chloride	1.61	62	40376	6.601	ug/L 94
13) Acetone	2.66	43	1077	1.023	ug/L 93
14) Carbon disulfide	2.80	76	1781	0.127	ug/L # 74
16) Methylene chloride	3.06	84	1677	0.232	ug/L 95
18) trans-1,2-Dichloroethene	3.37	96	531	0.106	ug/L # 90
22) cis-1,2-Dichloroethene	4.69	96	8838	1.626	ug/L 97
35) Methylcyclohexane	6.70	83	7349	0.884	ug/L # 19
37) 1,2-Dichloropropane	6.70	63	3662	0.688	ug/L # 86
39) cis-1,3-Dichloropropene	7.57	75	975	0.134	ug/L # 72
59) 1,2,3-Trichloropropane	11.81	75	5402	1.406	ug/L # 83

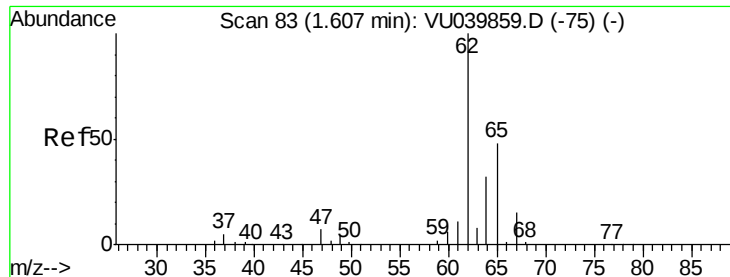
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#5

Vinyl chloride

Concen: 6.601 ug/L

RT: 1.61 min Scan# 84

Delta R.T. 0.00 min

Lab File: VU039862.D

Acq: 14 Aug 2020 16:08

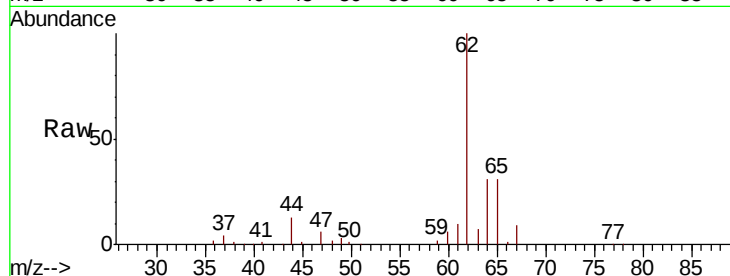
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 62 Resp: 40376

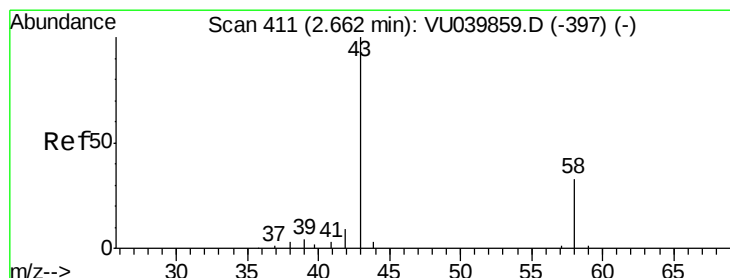
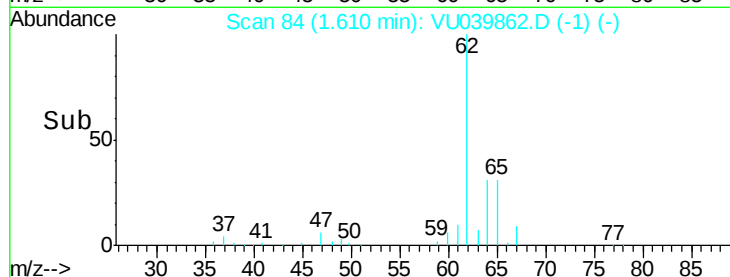
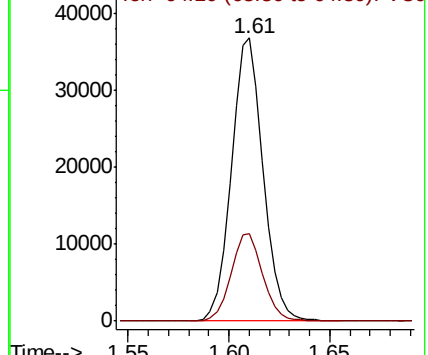
Ion Ratio Lower Upper

62 100

64 30.7 24.1 44.7



Abundance Ion 62.00 (61.70 to 62.70): VU039862.D (-1) (-)



#13

Acetone

Concen: 1.023 ug/L

RT: 2.66 min Scan# 412

Delta R.T. 0.00 min

Lab File: VU039862.D

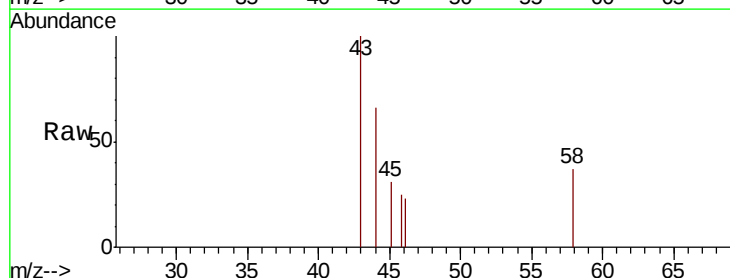
Acq: 14 Aug 2020 16:08

Tgt Ion: 43 Resp: 1077

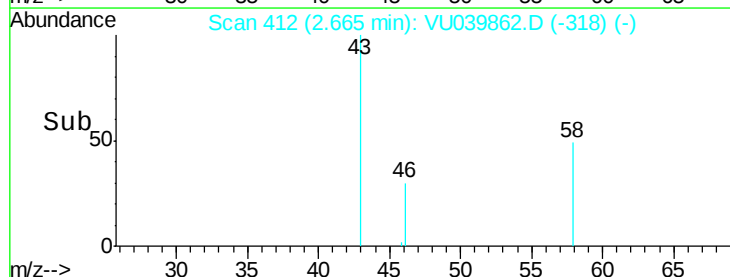
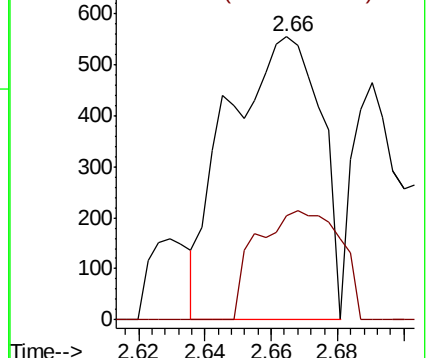
Ion Ratio Lower Upper

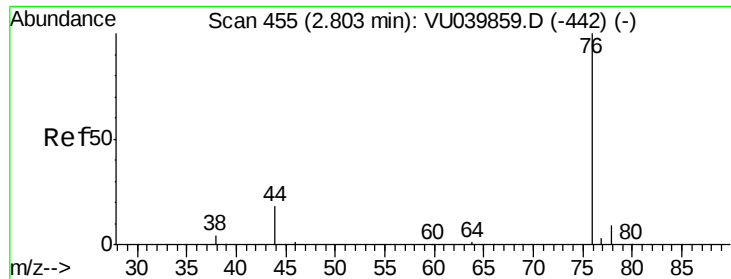
43 100

58 34.8 0.0 61.8



Abundance Ion 43.05 (42.75 to 43.75): VU039862.D (-318) (-)





#14

Carbon disulfide

Concen: 0.127 ug/L

RT: 2.80 min Scan# 455

Delta R.T. -0.00 min

Lab File: VU039862.D

Acq: 14 Aug 2020 16:08

Instrument :

MSVOA_U

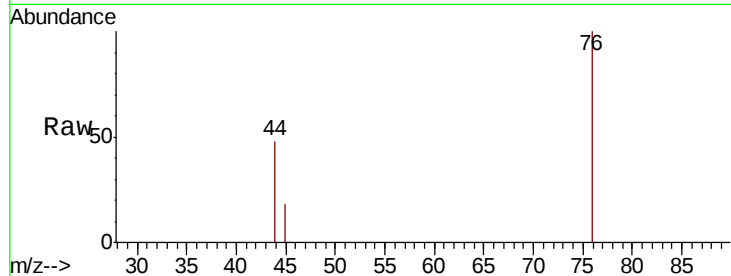
ClientSampleId :

Tot Ion: 76 Resp: 1781

Ion Ratio Lower Upper

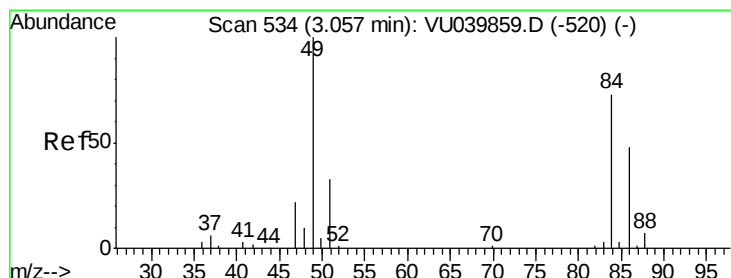
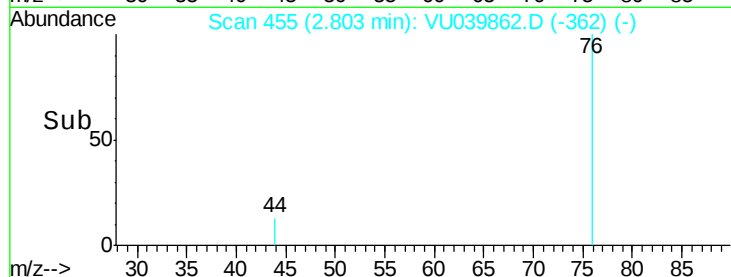
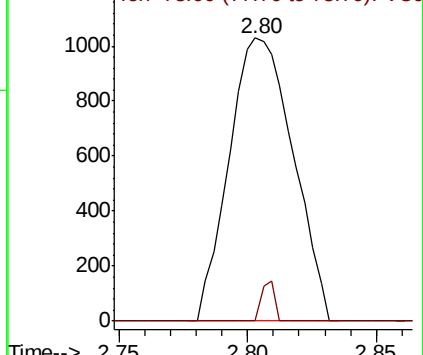
76 100

78 0.0 7.8 11.6#



Abundance Ion 76.05 (75.75 to 76.75): VU039859.D (-442) (-)

Ion 78.00 (77.70 to 78.70): VU039859.D (-442) (-)



#16

Methylene chloride

Concen: 0.232 ug/L

RT: 3.06 min Scan# 536

Delta R.T. 0.01 min

Lab File: VU039862.D

Acq: 14 Aug 2020 16:08

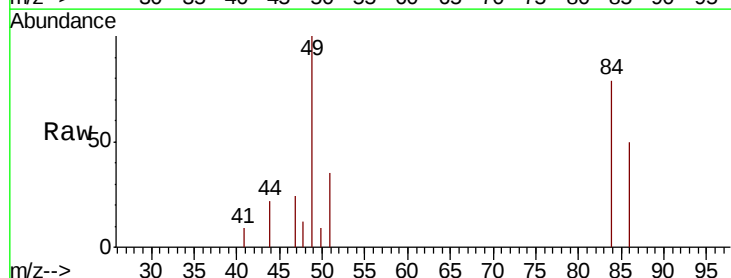
Tgt Ion: 84 Resp: 1677

Ion Ratio Lower Upper

84 100

86 63.3 43.9 81.5

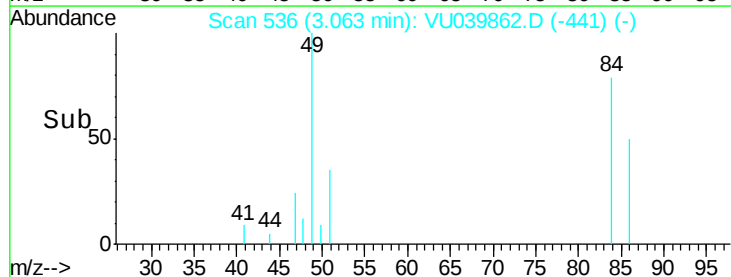
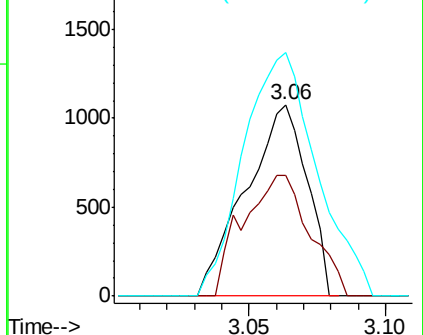
49 127.3 94.4 175.4

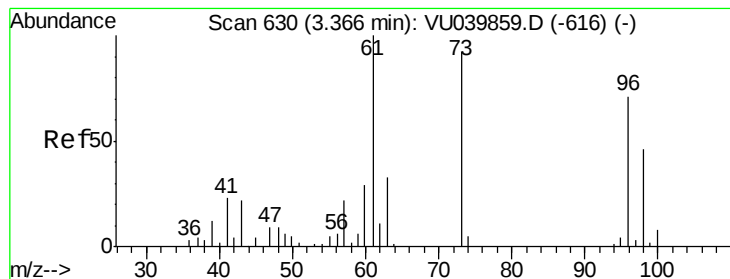


Abundance Ion 84.05 (83.75 to 84.75): VU039859.D (-520) (-)

Ion 86.00 (85.70 to 86.70): VU039859.D (-520) (-)

Ion 49.10 (48.80 to 49.80): VU039859.D (-520) (-)





#18

trans-1,2-Dichloroethene

Concen: 0.106 ug/L

RT: 3.37 min Scan# 631

Delta R.T. 0.00 min

Lab File: VU039862.D

Acq: 14 Aug 2020 16:08

Instrument :

MSVOA_U

ClientSampleId :

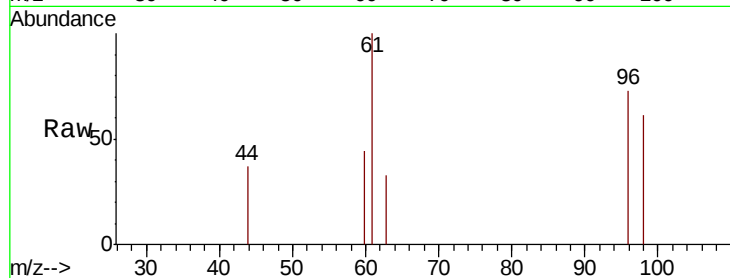
Tot Ion: 96 Resp: 531

Ion Ratio Lower Upper

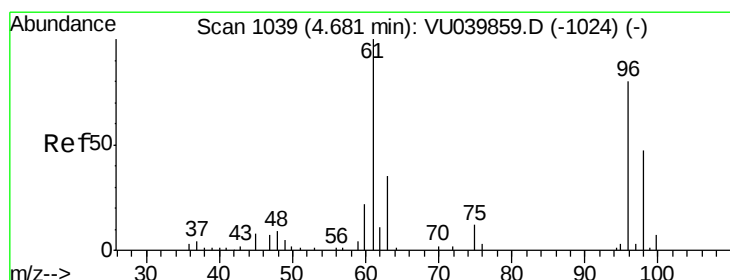
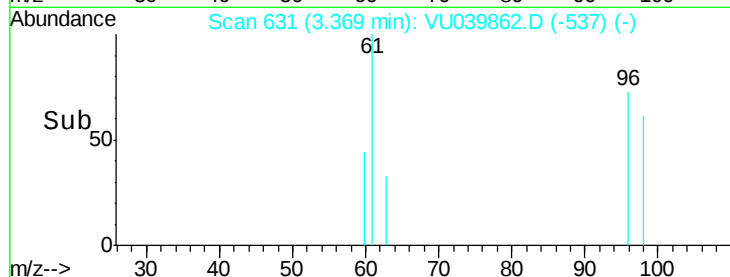
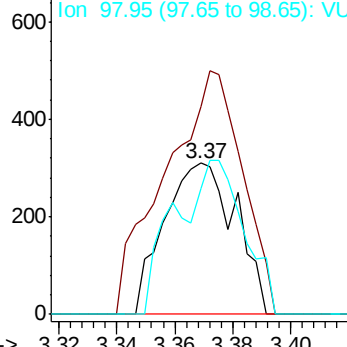
96 100

61 137.7 96.5 179.1

98 83.5 40.9 76.0#



Abundance Ion 96.00 (95.70 to 96.70): VU039862.D (-537) (-)



#22

cis-1,2-Dichloroethene

Concen: 1.626 ug/L

RT: 4.69 min Scan# 1041

Delta R.T. 0.01 min

Lab File: VU039862.D

Acq: 14 Aug 2020 16:08

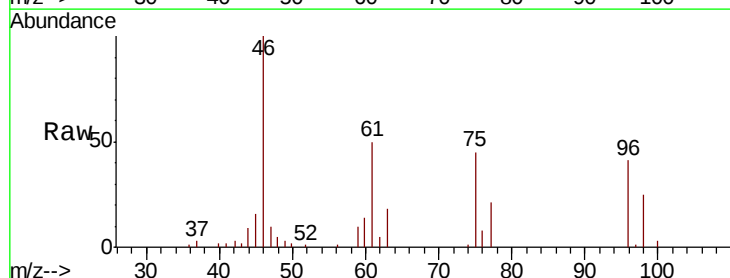
Tgt Ion: 96 Resp: 8838

Ion Ratio Lower Upper

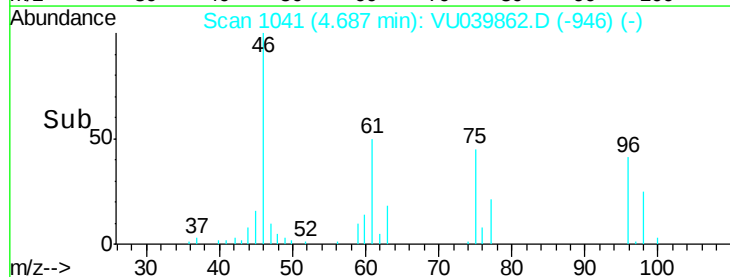
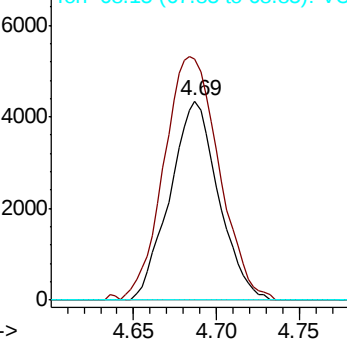
96 100

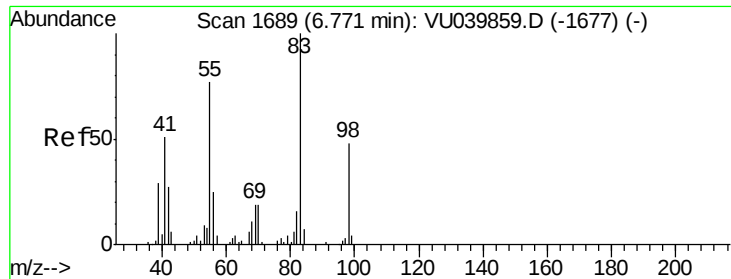
61 121.1 87.4 162.2

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU039862.D (-946) (-)

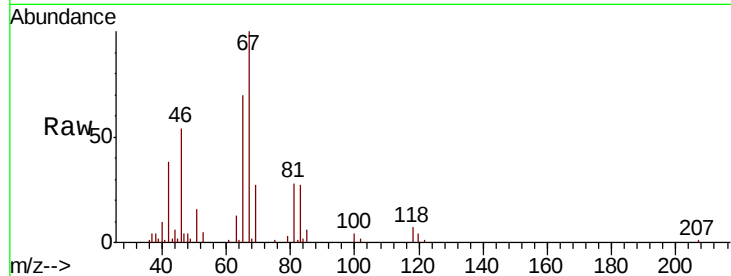




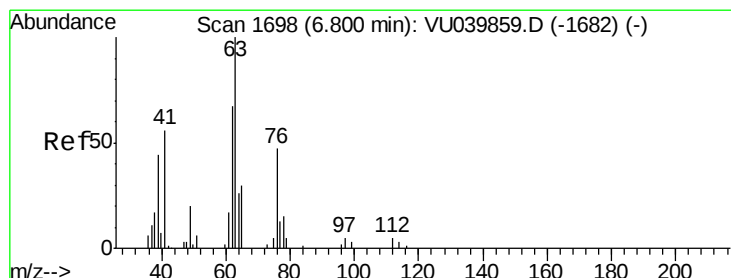
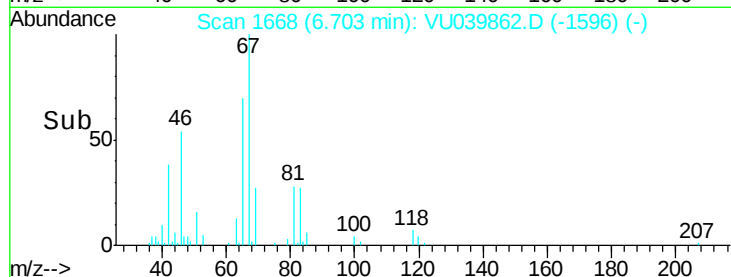
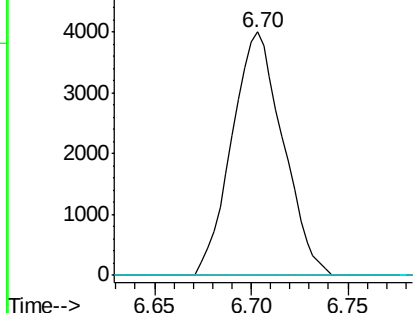
#35
Methvlcvclohexane
Concen: 0.884 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU039862.D
Acq: 14 Aug 2020 16:08

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 83 Resp: 7349
Ion Ratio Lower Upper
83 100
55 0.0 59.4 89.0#
98 0.0 39.0 58.4#

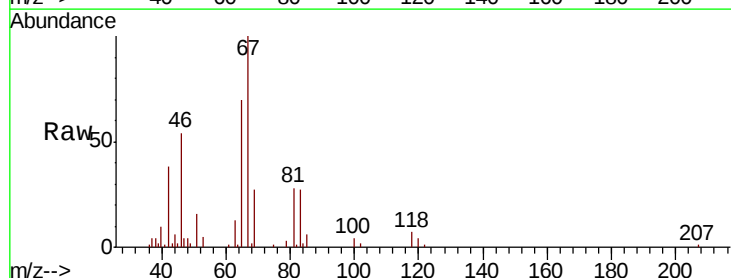


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

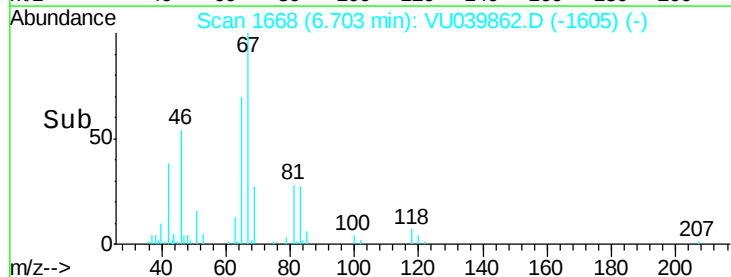
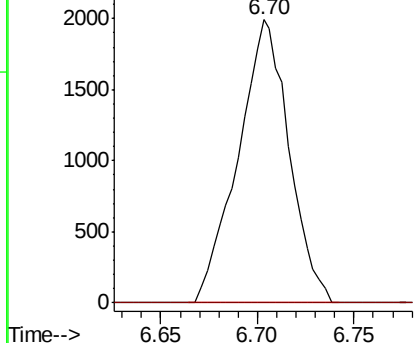


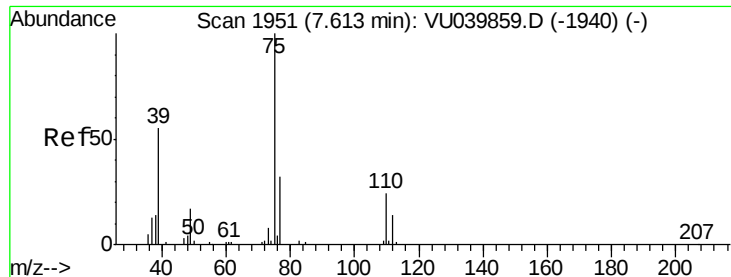
#37
1,2-Dichloropropane
Concen: 0.688 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU039862.D
Acq: 14 Aug 2020 16:08

Tgt Ion: 63 Resp: 3662
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

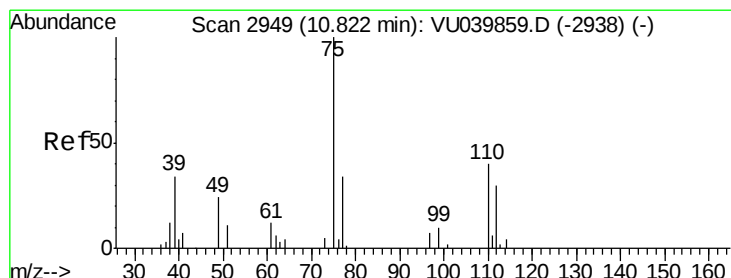
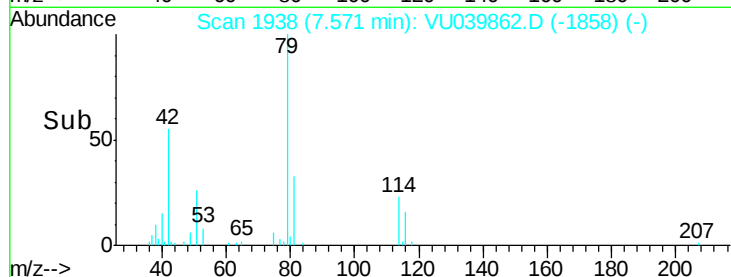
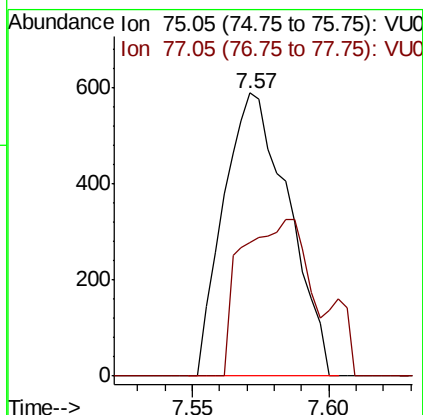
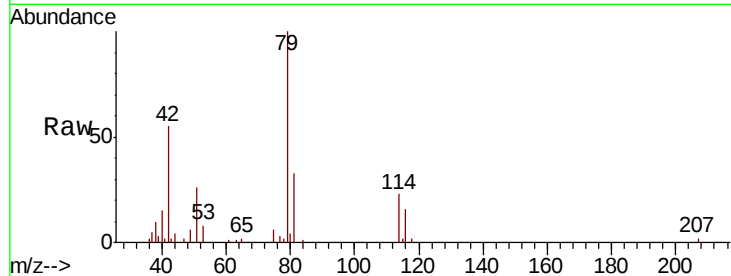




#39
 cis-1,3-Dichloropropene
 Concen: 0.134 ug/L
 RT: 7.57 min Scan# 1938
 Delta R.T. -0.04 min
 Lab File: VU039862.D
 Acq: 14 Aug 2020 16:08

Instrument :
 MSVOA_U
 ClientSampled :

Tot Ion: 75 Resp: 975
 Ion Ratio Lower Upper
 75 100
 77 47.4 22.4 41.6#



#59
 1,2,3-Trichloropropane
 Concen: 1.406 ug/L
 RT: 11.81 min Scan# 3255
 Delta R.T. 0.98 min
 Lab File: VU039862.D
 Acq: 14 Aug 2020 16:08

Tgt Ion: 75 Resp: 5402
 Ion Ratio Lower Upper
 75 100
 77 40.4 24.6 37.0#

