

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071020\
 Data File : VU039446.D
 Acq On : 10 Jul 2020 21:29
 Operator : SY/MD
 Sample : L3268-04
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 11 02:55:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Jul 11 02:49:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.27	114	92155	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	85869	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	41710	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	20585	3.86	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.20%
7) Chloroethane-d5	1.93	69	27018	4.94	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.80%
11) 1,1-Dichloroethene-d2	2.58	63	32117	3.06	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.20%
20) 2-Butanone-d5	4.65	46	145603	59.58	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	119.16%
24) Chloroform-d	5.09	84	57507	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.20%
26) 1,2-Dichloroethane-d4	5.72	65	38413	5.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.60%
32) Benzene-d6	5.75	84	106561	5.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.00%
36) 1,2-Dichloropropane-d6	6.71	67	39115	5.39	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.80%
41) Toluene-d8	7.91	98	90296	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.80%
43) trans-1,3-Dichloropropene-	8.19	79	15280	4.76	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.20%
46) 2-Hexanone-d5	8.64	63	104675	55.02	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.04%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	37573	5.22	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	37637	5.06	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.20%

Target Compounds

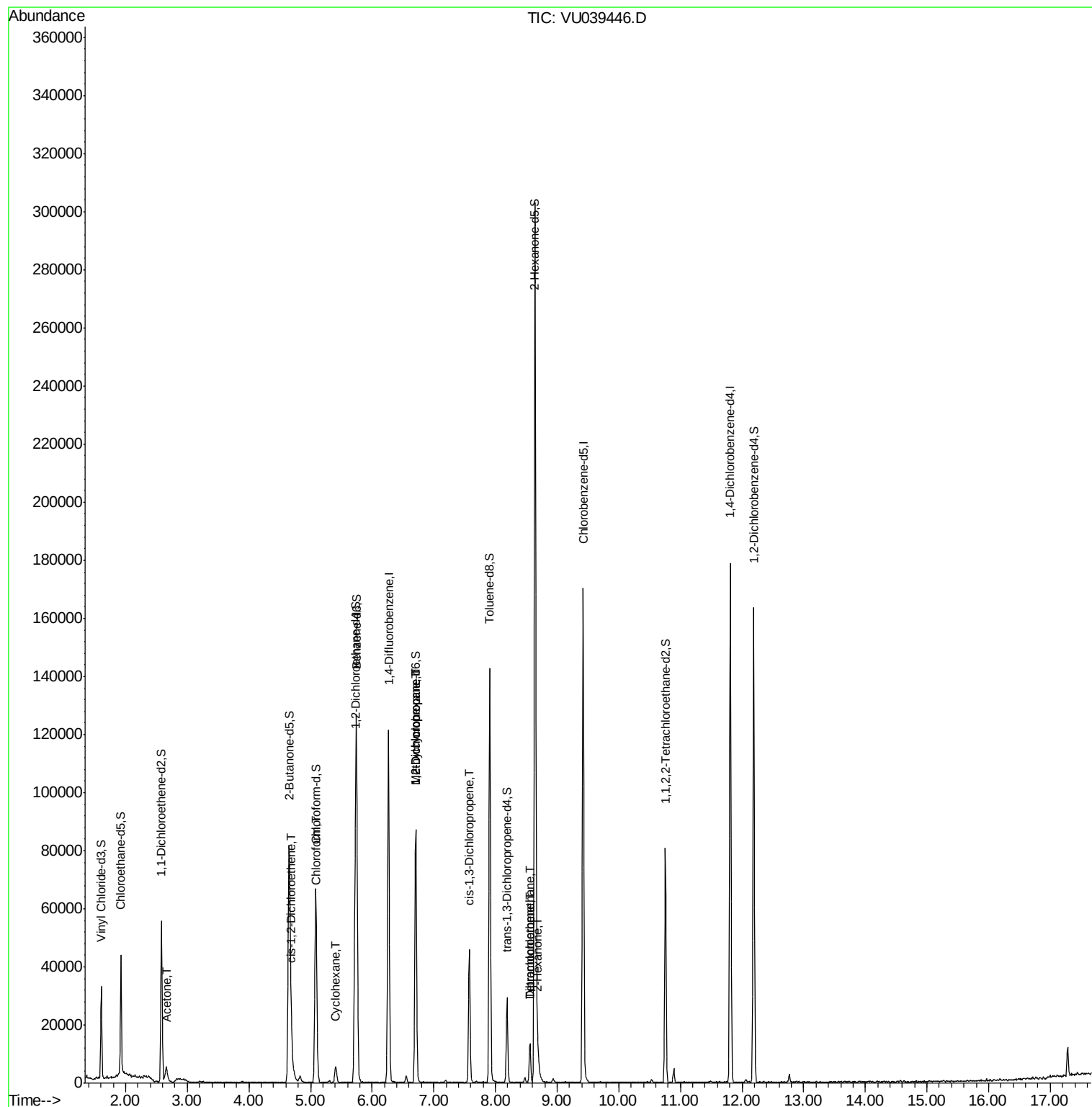
					Ovalue
13) Acetone	2.66	43	8610	6.527	ug/L 97
22) cis-1,2-Dichloroethene	4.70	96	820	0.121	ug/L 87
25) Chloroform	5.11	83	2626	0.219	ug/L 89
30) Cyclohexane	5.41	56	3184	0.299	ug/L 98
35) Methylcyclohexane	6.70	83	8816	0.829	ug/L # 18
37) 1,2-Dichloropropane	6.70	63	4575	0.654	ug/L # 91
39) cis-1,3-Dichloropropene	7.57	75	1252	0.118	ug/L # 70
47) Tetrachloroethene	8.56	164	2614	0.566	ug/L 90
48) 2-Hexanone	8.69	43	5264	1.223	ug/L # 86
49) Dibromochloromethane	8.56	129	2708	0.445	ug/L # 10

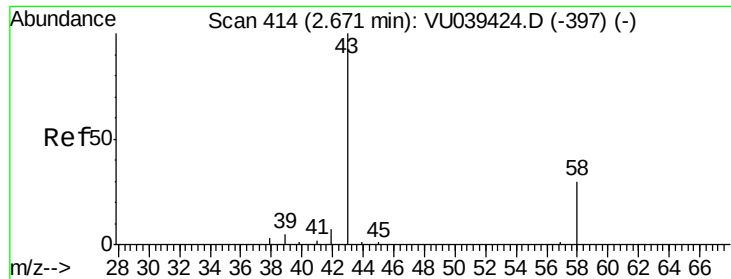
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Jul 11 02:49:36 2020
Response via : Initial Calibration





#13

Acetone

Concen: 6.527 ug/L

RT: 2.66 min Scan# 411

Delta R.T. -0.01 min

Lab File: VU039446.D

Acq: 10 Jul 2020 21:29

Instrument :

MSVOA_U

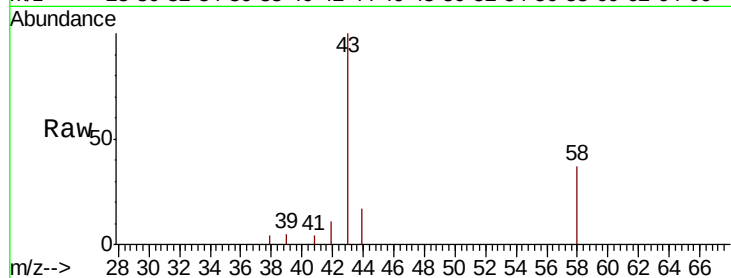
ClientSampleId :

Tot Ion: 43 Resp: 8610

Ion Ratio Lower Upper

43 100

58 29.6 0.0 62.8



Abundance Ion 43.05 (42.75 to 43.75): VU039446.D (-321) (-)

Ion 58.05 (57.75 to 58.75): VU039446.D (-321) (-)

2.66

3000

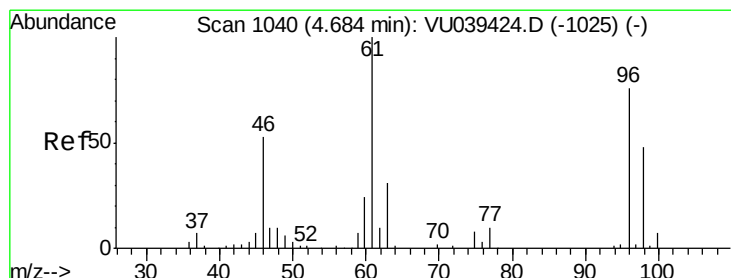
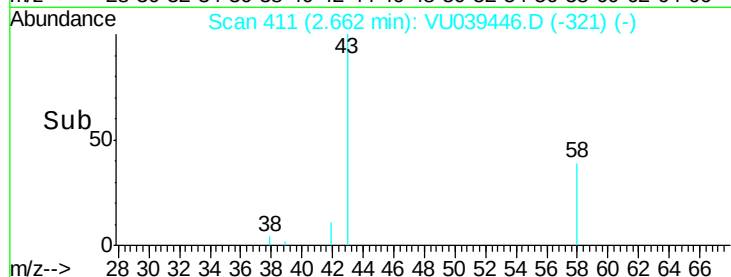
2000

1000

0

Time-->

2.60 2.65 2.70 2.75



#22

cis-1,2-Dichloroethene

Concen: 0.121 ug/L

RT: 4.70 min Scan# 1044

Delta R.T. 0.01 min

Lab File: VU039446.D

Acq: 10 Jul 2020 21:29

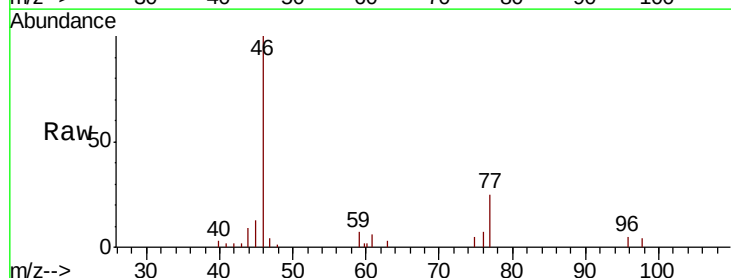
Tgt Ion: 96 Resp: 820

Ion Ratio Lower Upper

96 100

61 117.0 92.8 172.4

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU039446.D (-947) (-)

Ion 61.05 (60.75 to 61.75): VU039446.D (-947) (-)

Ion 68.15 (67.85 to 68.85): VU039446.D (-947) (-)

800

600

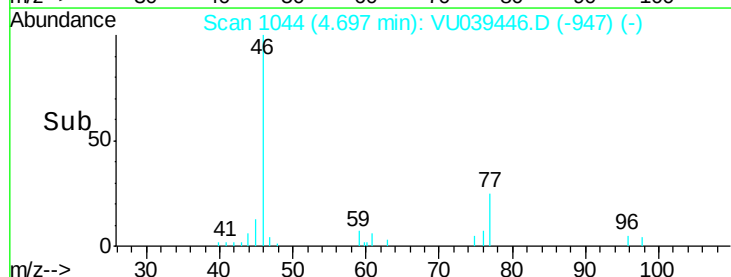
400

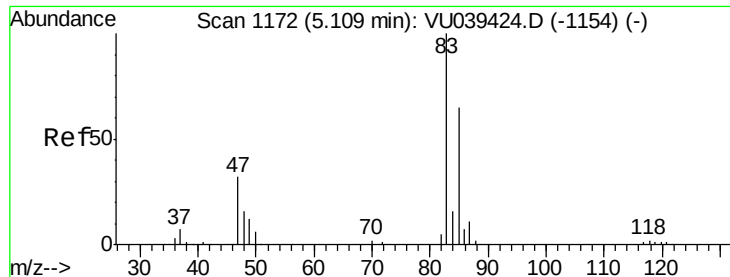
200

0

Time-->

4.65 4.70

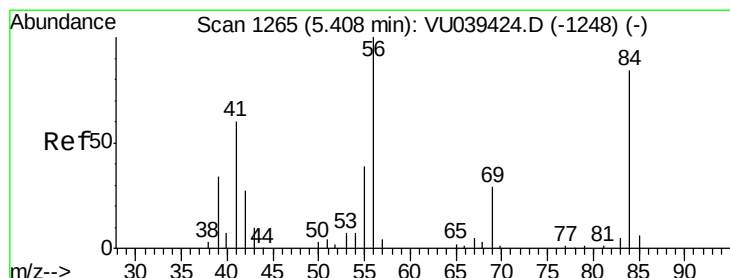
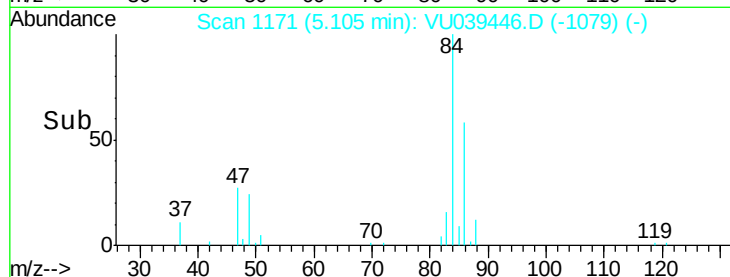
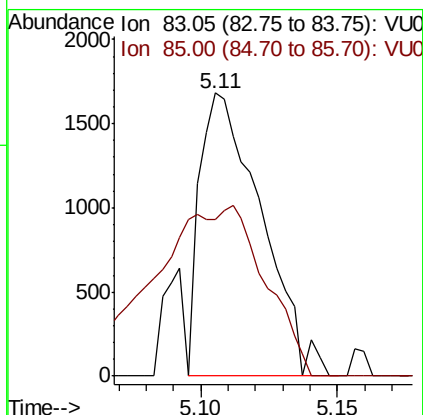
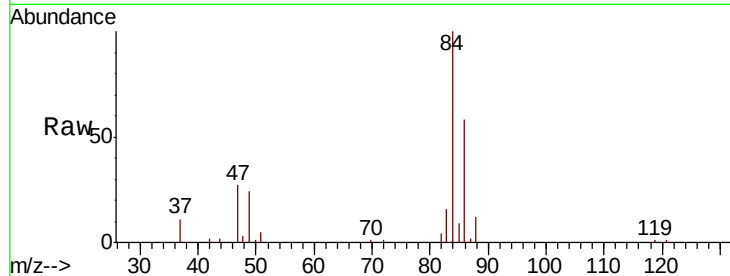




#25
Chloroform
Concen: 0.219 ug/L
RT: 5.11 min Scan# 1171
Delta R.T. -0.00 min
Lab File: VU039446.D
Acq: 10 Jul 2020 21:29

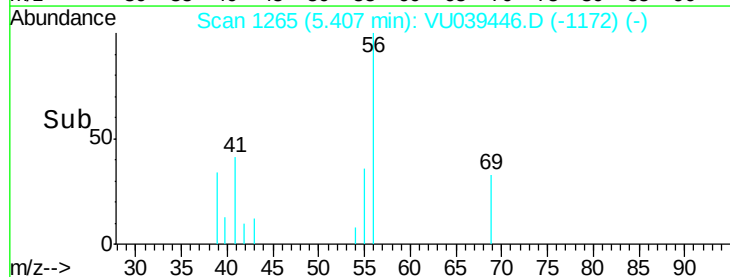
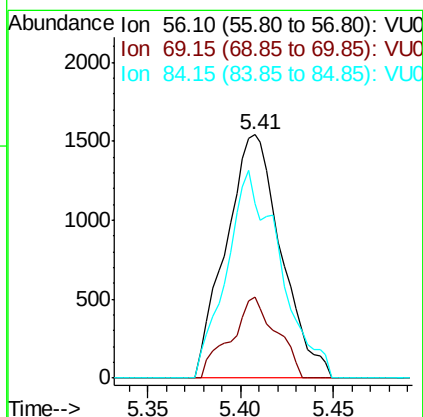
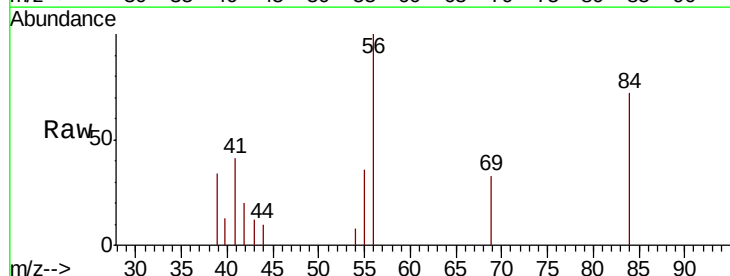
Instrument :
MSVOA_U
ClientSampleId :

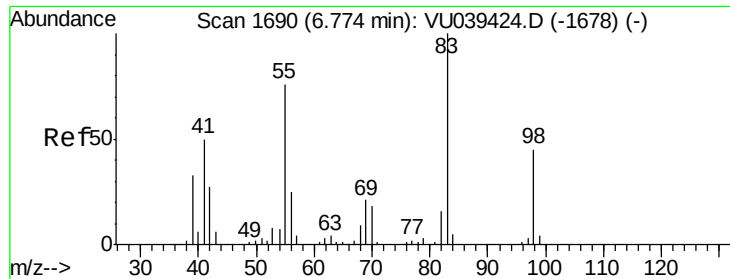
Tot Ion: 83 Resp: 2626
Ion Ratio Lower Upper
83 100
85 55.5 44.9 83.5



#30
Cyclohexane
Concen: 0.299 ug/L
RT: 5.41 min Scan# 1265
Delta R.T. -0.00 min
Lab File: VU039446.D
Acq: 10 Jul 2020 21:29

Tgt Ion: 56 Resp: 3184
Ion Ratio Lower Upper
56 100
69 27.6 24.1 36.1
84 83.0 67.0 100.6

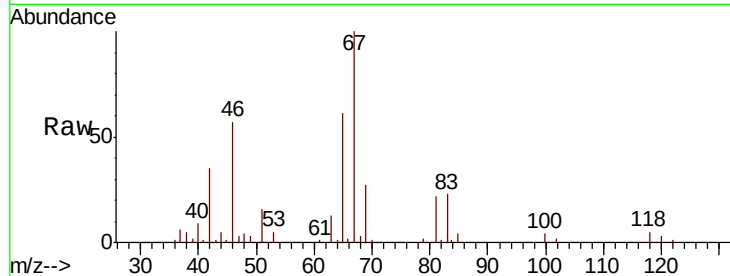




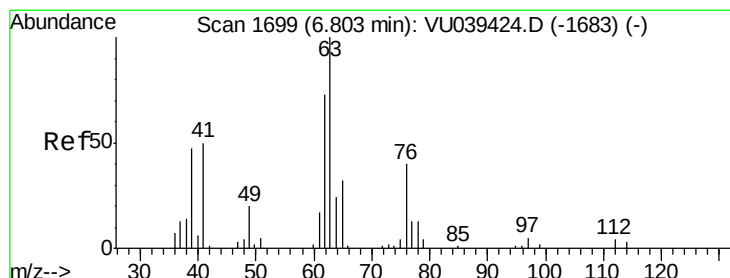
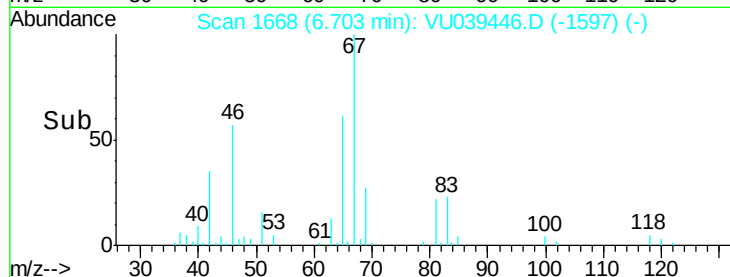
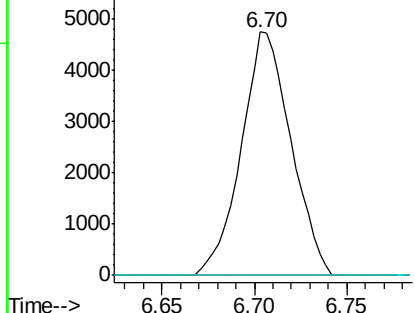
#35
Methylcyclohexane
Concen: 0.829 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU039446.D
Acq: 10 Jul 2020 21:29

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 83 Resp: 8816
Ion Ratio Lower Upper
83 100
55 0.0 62.1 93.1#
98 0.0 35.9 53.9#

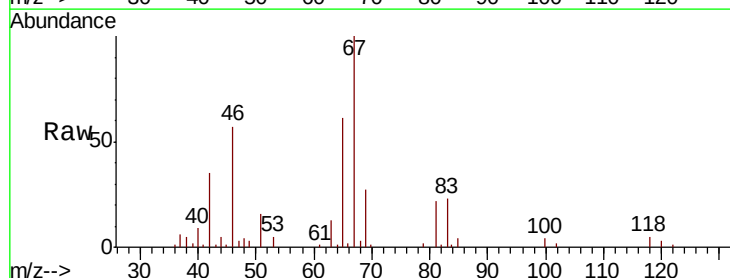


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

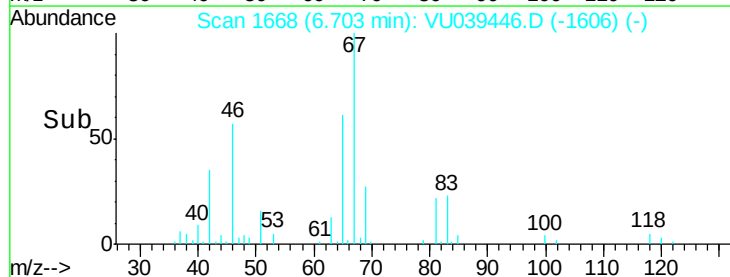
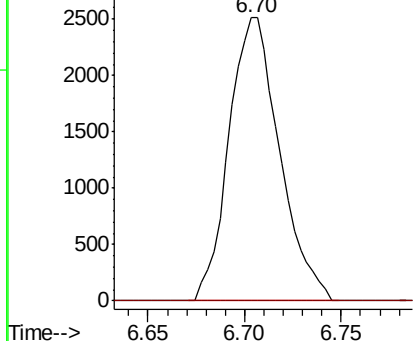


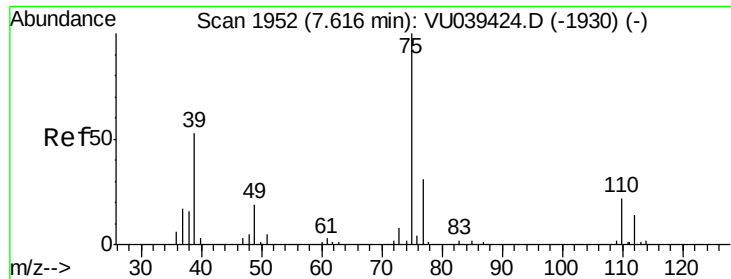
#37
1,2-Dichloropropane
Concen: 0.654 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU039446.D
Acq: 10 Jul 2020 21:29

Tgt Ion: 63 Resp: 4575
Ion Ratio Lower Upper
63 100
112 0.0 2.5 3.7#



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

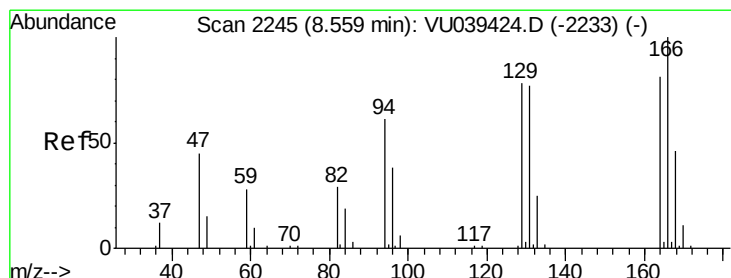
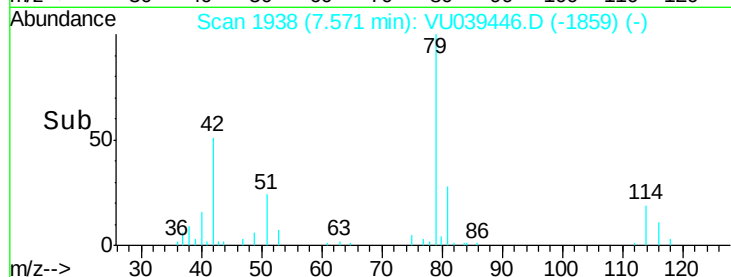
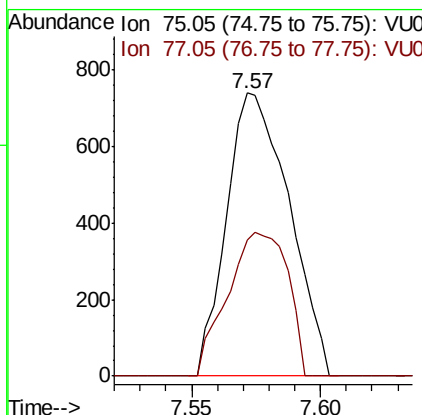
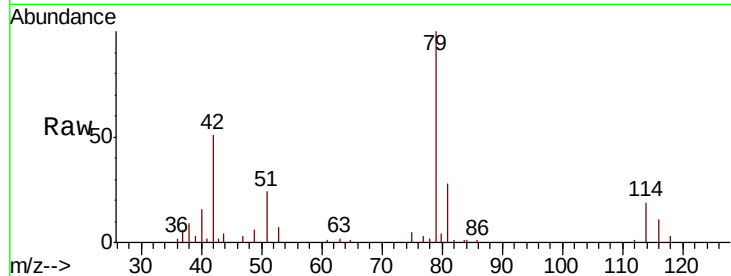




#39
 cis-1,3-Dichloropropene
 Concen: 0.118 ug/L
 RT: 7.57 min Scan# 1938
 Delta R.T. -0.05 min
 Lab File: VU039446.D
 Acq: 10 Jul 2020 21:29

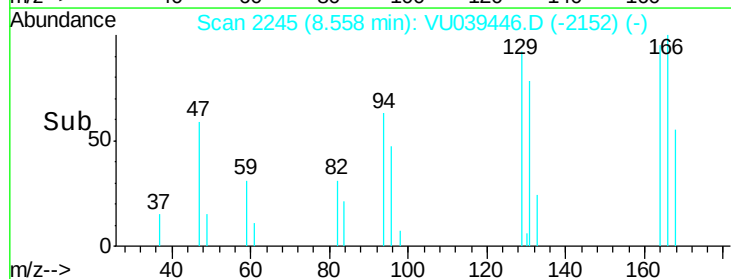
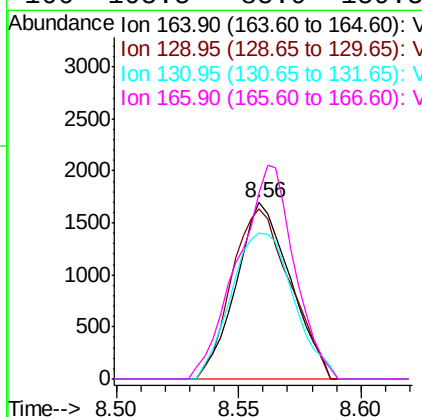
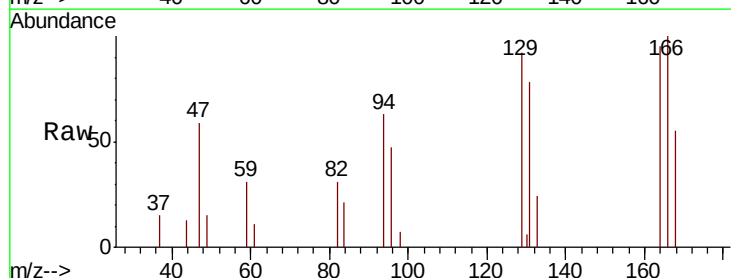
Instrument :
 MSVOA_U
 ClientSampleId :

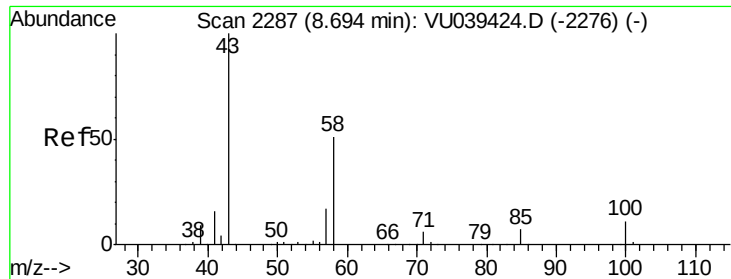
Tot Ion: 75 Resp: 1252
 Ion Ratio Lower Upper
 75 100
 77 48.2 22.3 41.3#



#47
 Tetrachloroethene
 Concen: 0.566 ug/L
 RT: 8.56 min Scan# 2245
 Delta R.T. -0.00 min
 Lab File: VU039446.D
 Acq: 10 Jul 2020 21:29

Tgt Ion:164 Resp: 2614
 Ion Ratio Lower Upper
 164 100
 129 96.8 68.6 127.4
 131 82.7 66.4 123.4
 166 105.5 85.9 159.5

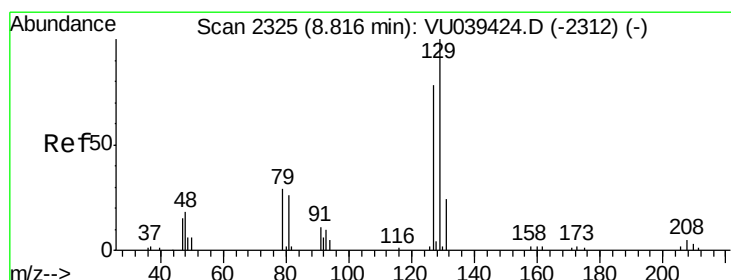
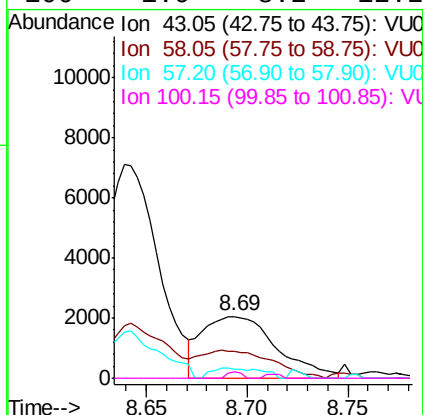
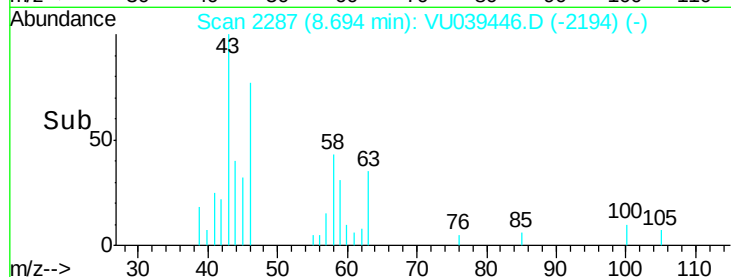
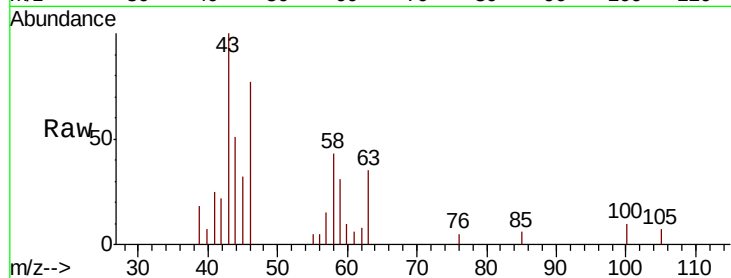




#48
2-Hexanone
Concen: 1.223 ug/L
RT: 8.69 min Scan# 2287
Delta R.T. -0.00 min
Lab File: VU039446.D
Acq: 10 Jul 2020 21:29

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 43 Resp: 5264
Ion Ratio Lower Upper
43 100
58 44.3 42.0 63.0
57 10.7 14.0 21.0#
100 1.9 8.2 12.2#



#49
Dibromochloromethane
Concen: 0.445 ug/L
RT: 8.56 min Scan# 2245
Delta R.T. -0.26 min
Lab File: VU039446.D
Acq: 10 Jul 2020 21:29

Tgt Ion: 129 Resp: 2708
Ion Ratio Lower Upper
129 100
127 0.0 55.4 102.8#

