

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U070720\
 Data File : VU039332.D
 Acq On : 07 Jul 2020 22:15
 Operator : SY/MD
 Sample : L3193-11DL 10X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H4270DL

Quant Time: Jul 08 01:48:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jul 08 01:44:57 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	117475	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	112459	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	55665	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	37355	5.49	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	109.80%
7) Chloroethane-d5	1.92	69	62254	8.94	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	178.80%#
11) 1,1-Dichloroethene-d2	2.57	63	59503	4.44	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.80%
20) 2-Butanone-d5	4.66	46	187972	60.34	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	120.68%
24) Chloroform-d	5.08	84	78536	5.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.40%
26) 1,2-Dichloroethane-d4	5.72	65	52556	5.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	115.60%
32) Benzene-d6	5.75	84	167557	6.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	123.80%
36) 1,2-Dichloropropane-d6	6.70	67	56642	5.95	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	119.00%
41) Toluene-d8	7.91	98	143712	6.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	122.40%
43) trans-1,3-Dichloropropene-	8.19	79	24378	5.80	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	116.00%
46) 2-Hexanone-d5	8.65	63	145995	58.59	ug/L	0.01
Spiked Amount	50.000	Range	45 - 130	Recovery	=	117.18%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	53078	5.63	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	112.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	58448	5.88	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	117.60%

Target Compounds

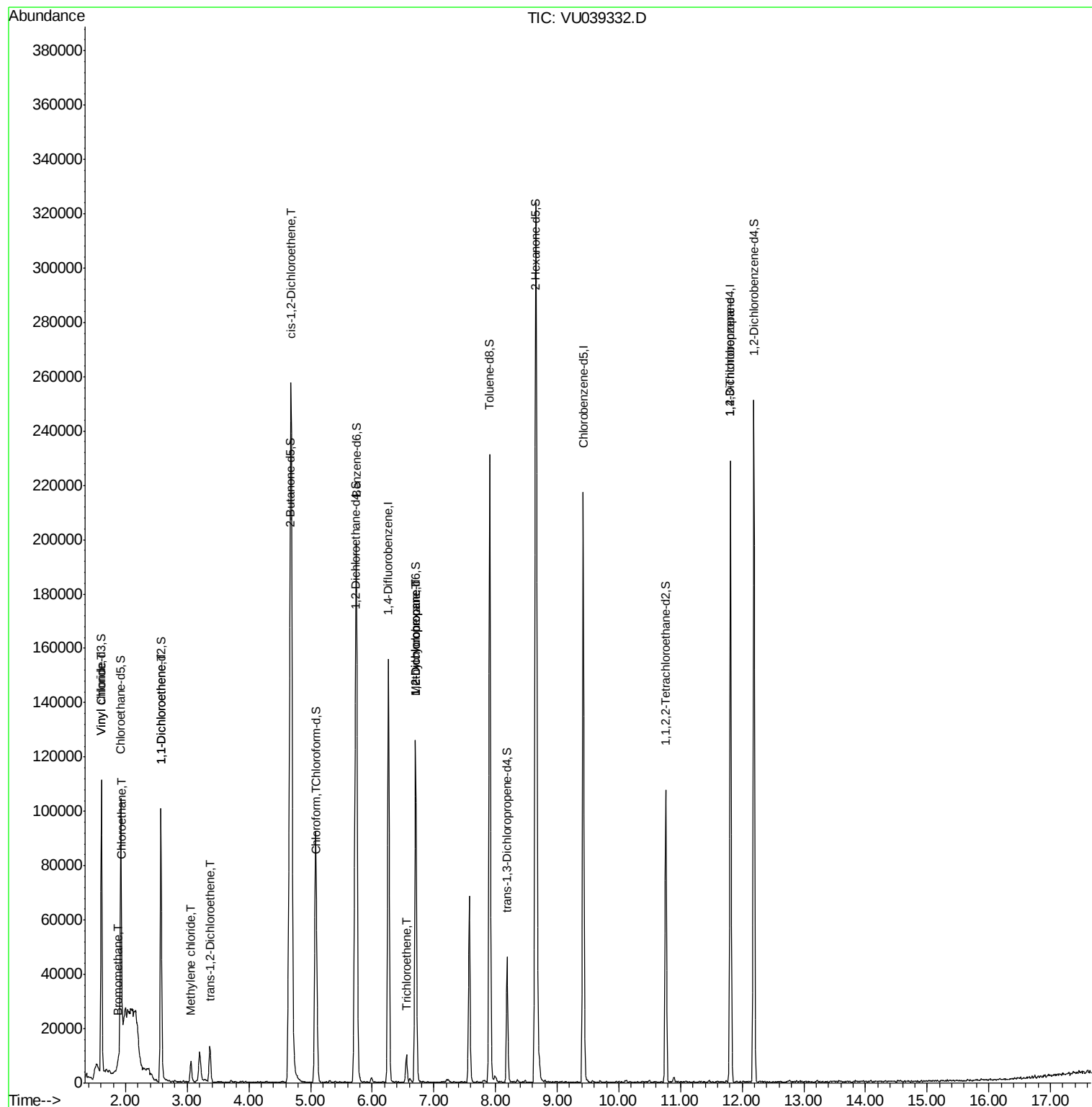
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.61	62	40164	4.193	ug/L	95
6) Bromomethane	1.87	94	681	0.165	ug/L	96
8) Chloroethane	1.94	64	615	0.089	ug/L #	64
12) 1,1-Dichloroethene	2.57	96	577	0.083	ug/L #	1
16) Methylene chloride	3.06	84	3149	0.358	ug/L	92
18) trans-1,2-Dichloroethene	3.37	96	4813	0.622	ug/L	92
22) cis-1,2-Dichloroethene	4.69	96	102733	11.846	ug/L	99
25) Chloroform	5.11	83	6836	0.447	ug/L	87
34) Trichloroethene	6.56	95	3045	0.350	ug/L	89
35) Methylcyclohexane	6.70	83	12909	0.927	ug/L #	19
37) 1,2-Dichloropropane	6.70	63	6661	0.727	ug/L #	91
59) 1,2,3-Trichloropropane	11.81	75	8325	1.232	ug/L	96

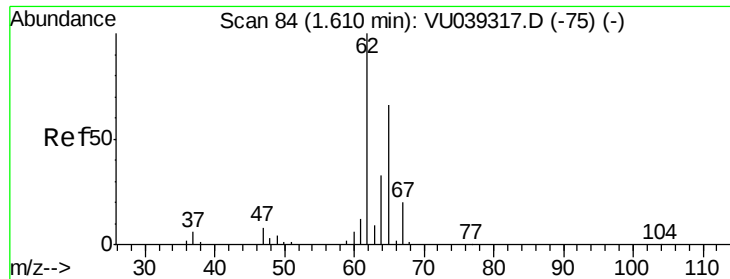
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070720\
Data File : VU039332.D
Acq On : 07 Jul 2020 22:15
Operator : SY/MD
Sample : L3193-11DL 10X
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H4270DL

Quant Time: Jul 08 01:48:17 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jul 08 01:44:57 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 4.193 ug/L

RT: 1.61 min Scan# 84

Delta R.T. 0.00 min

Lab File: VU039332.D

Acq: 07 Jul 2020 22:15

Instrument :

MSVOA_U

ClientSampleId :

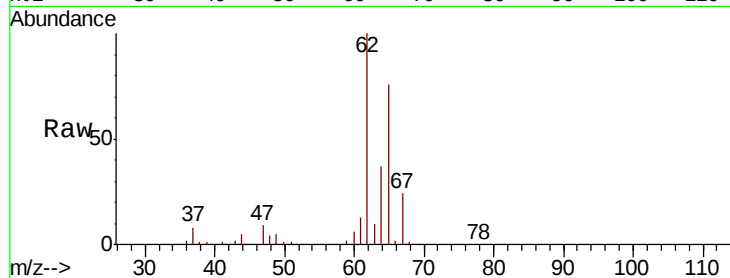
H4270DL

Tot Ion: 62 Resp: 40164

Ion Ratio Lower Upper

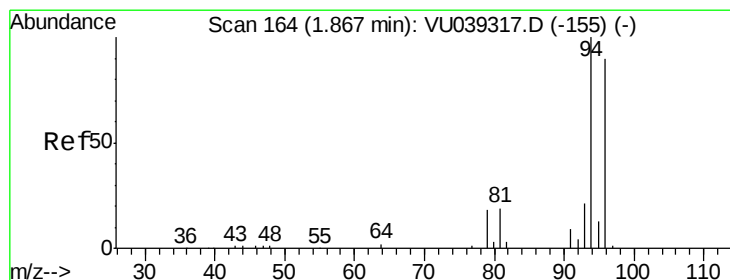
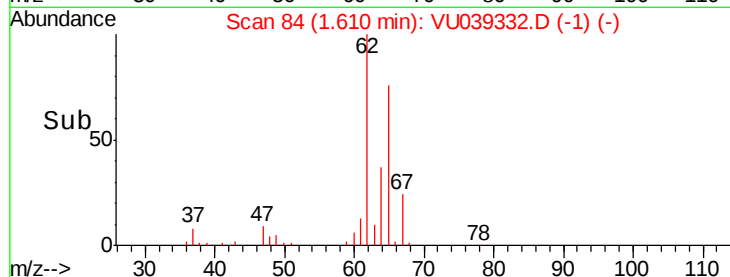
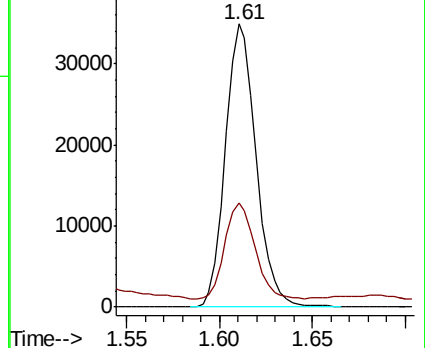
62 100

64 37.0 23.7 44.1



Abundance Ion 62.00 (61.70 to 62.70): VU039332.D (-1) (-)

Ion 64.10 (63.80 to 64.80): VU039332.D (-1) (-)



#6

Bromomethane

Concen: 0.165 ug/L

RT: 1.87 min Scan# 164

Delta R.T. 0.00 min

Lab File: VU039332.D

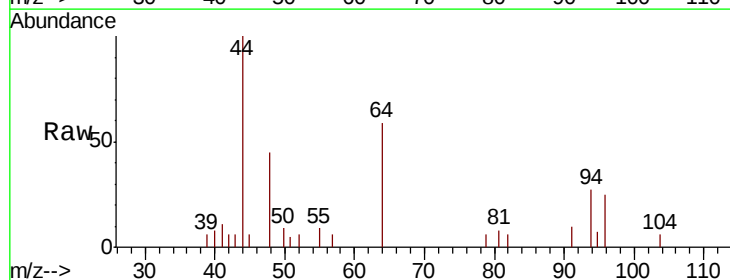
Acq: 07 Jul 2020 22:15

Tgt Ion: 94 Resp: 681

Ion Ratio Lower Upper

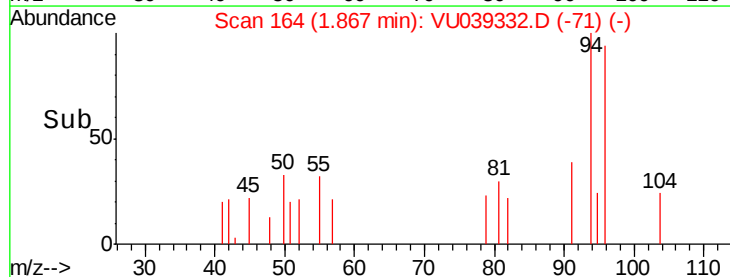
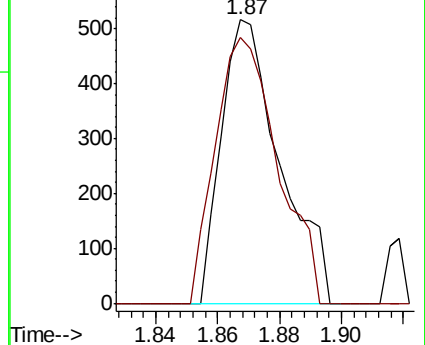
94 100

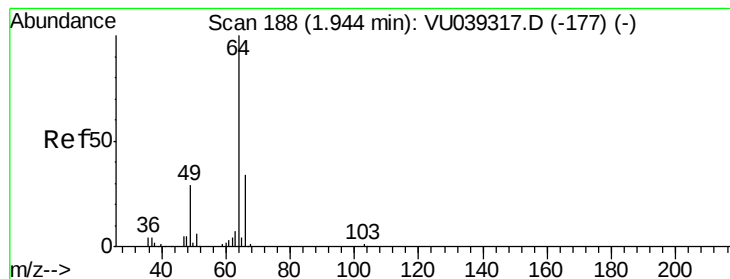
96 93.6 62.7 116.5



Abundance Ion 94.00 (93.70 to 94.70): VU039332.D (-71) (-)

Ion 96.00 (95.70 to 96.70): VU039332.D (-71) (-)





#8

Chloroethane

Concen: 0.089 ug/L

RT: 1.94 min Scan# 187

Delta R.T. -0.00 min

Lab File: VU039332.D

Acq: 07 Jul 2020 22:15

Instrument :

MSVOA_U

ClientSampleId :

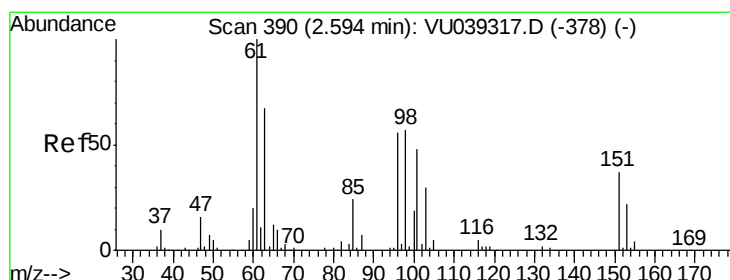
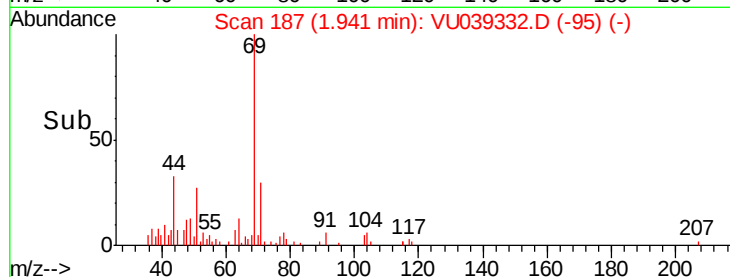
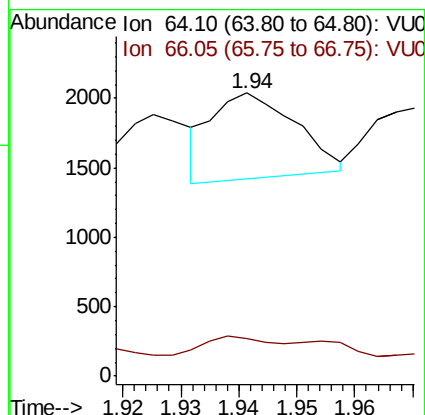
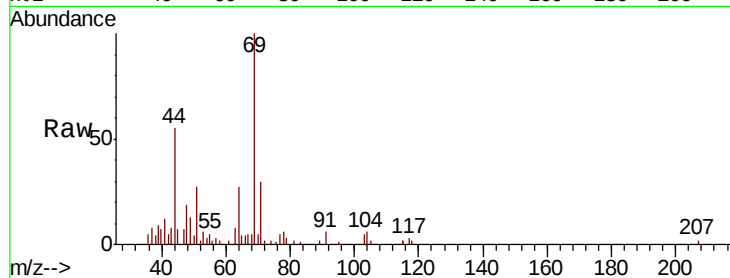
H4270DL

Tot Ion: 64 Resp: 615

Ion Ratio Lower Upper

64 100

66 13.3 23.5 43.7#



#12

1,1-Dichloroethene

Concen: 0.083 ug/L

RT: 2.57 min Scan# 383

Delta R.T. -0.02 min

Lab File: VU039332.D

Acq: 07 Jul 2020 22:15

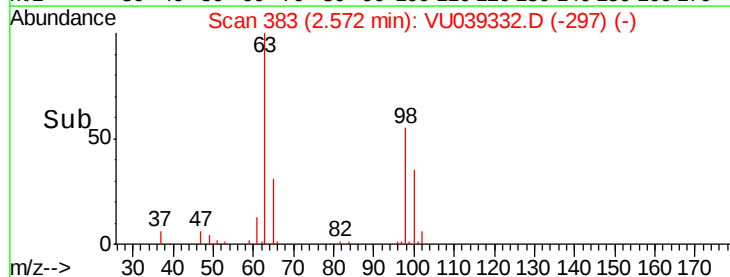
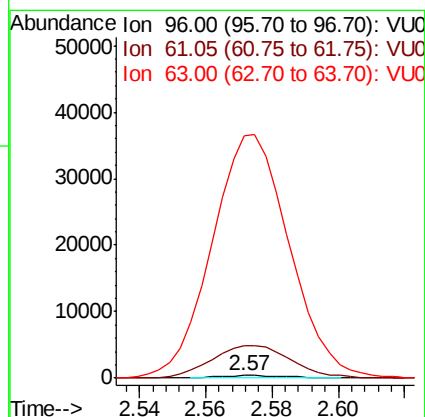
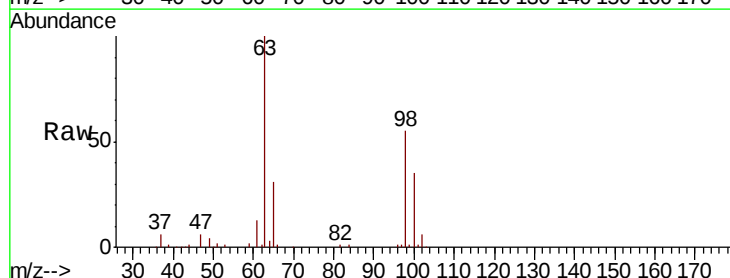
Tgt Ion: 96 Resp: 577

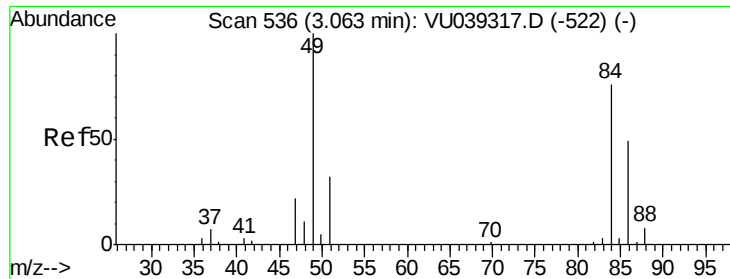
Ion Ratio Lower Upper

96 100

61 1293.6 125.4 232.8#

63 9714.9 92.7 172.3#

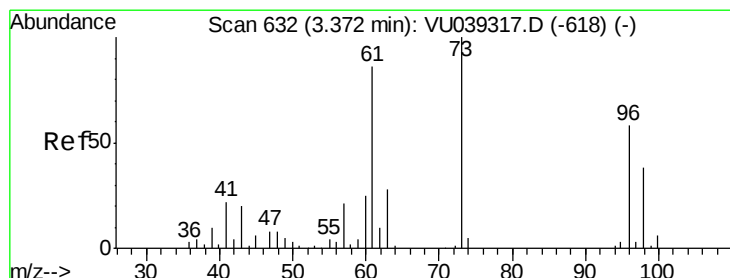
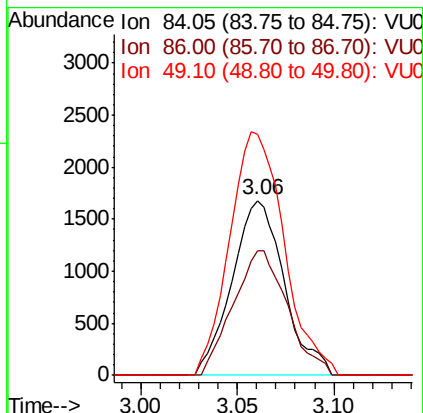
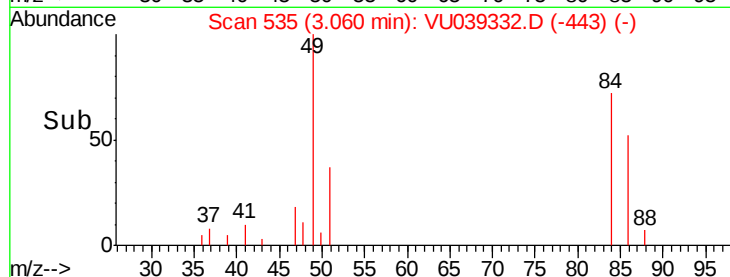
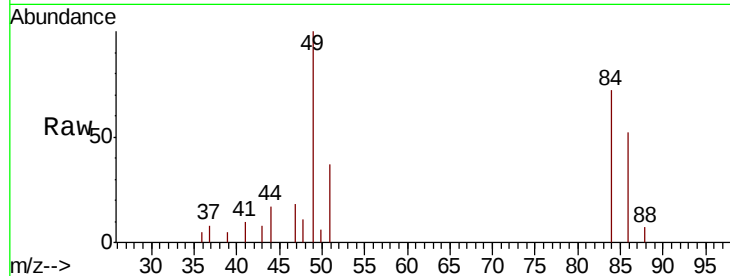




#16
Methylene chloride
Concen: 0.358 ug/L
RT: 3.06 min Scan# 535
Delta R.T. -0.00 min
Lab File: VU039332.D
Acq: 07 Jul 2020 22:15

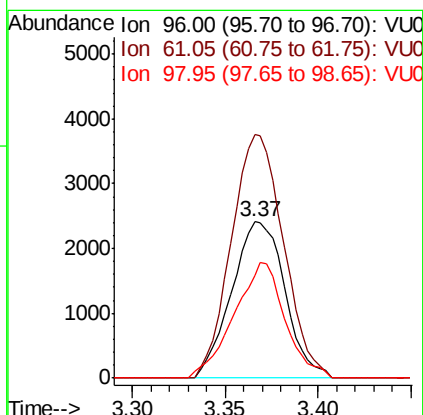
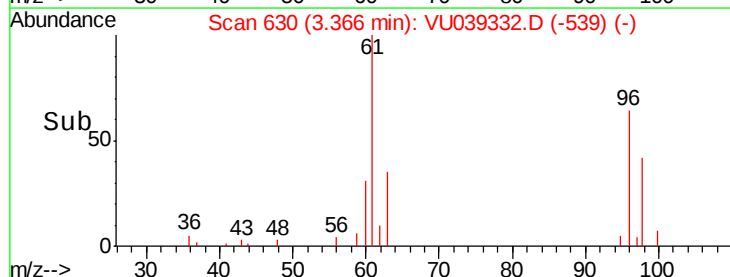
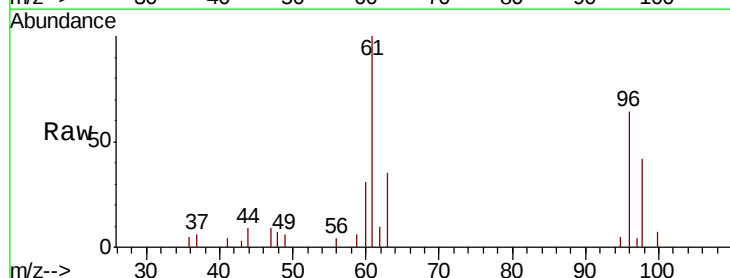
Instrument :
MSVOA_U
ClientSampleId :
H4270DL

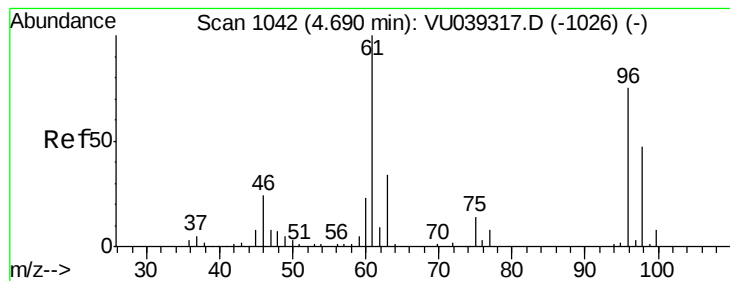
Tot Ion: 84 Resp: 3149
Ion Ratio Lower Upper
84 100
86 71.5 43.5 80.9
49 138.0 91.1 169.1



#18
trans-1,2-Dichloroethene
Concen: 0.622 ug/L
RT: 3.37 min Scan# 630
Delta R.T. -0.01 min
Lab File: VU039332.D
Acq: 07 Jul 2020 22:15

Tgt Ion: 96 Resp: 4813
Ion Ratio Lower Upper
96 100
61 156.0 102.1 189.5
98 65.5 42.5 78.9





#22

cis-1,2-Dichloroethene

Concen: 11.846 ug/L

RT: 4.69 min Scan# 1041

Delta R.T. -0.00 min

Lab File: VU039332.D

Acq: 07 Jul 2020 22:15

Instrument :

MSVOA_U

ClientSampleId :

H4270DL

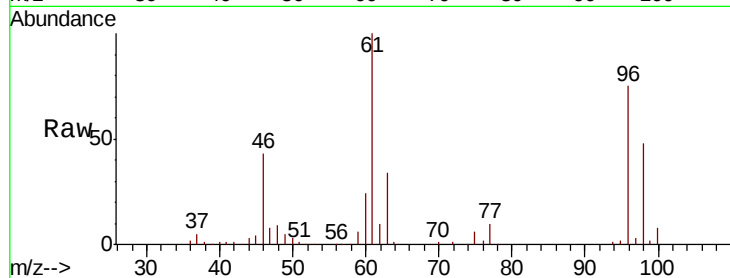
Tot Ion: 96 Resp: 102733

Ion Ratio Lower Upper

96 100

61 133.5 92.8 172.4

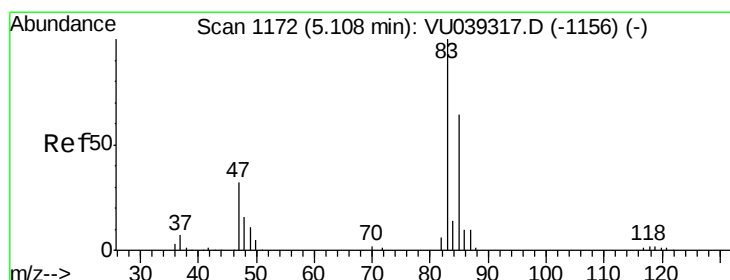
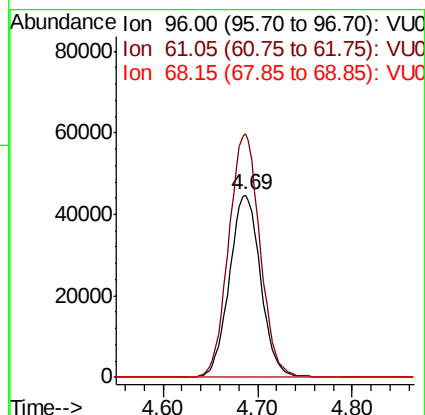
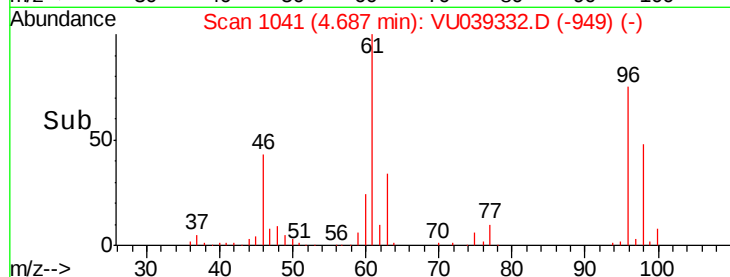
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU039332.D (-949) (-)

Ion 61.05 (60.75 to 61.75): VU039332.D (-949) (-)

Ion 68.15 (67.85 to 68.85): VU039332.D (-949) (-)



#25

Chloroform

Concen: 0.447 ug/L

RT: 5.11 min Scan# 1171

Delta R.T. -0.00 min

Lab File: VU039332.D

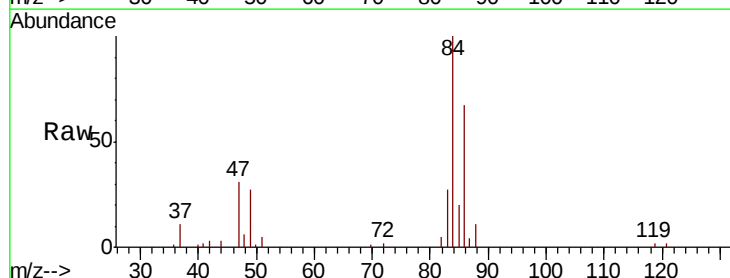
Acq: 07 Jul 2020 22:15

Tgt Ion: 83 Resp: 6836

Ion Ratio Lower Upper

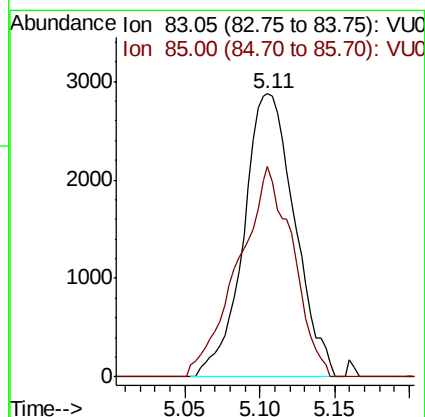
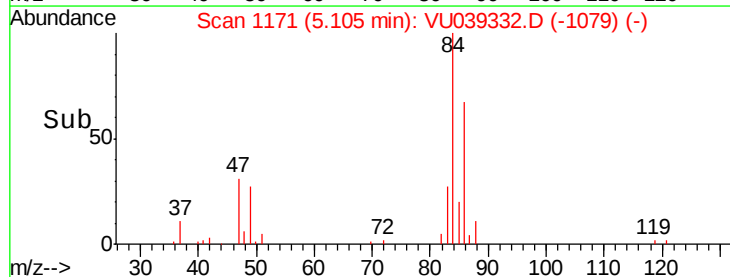
83 100

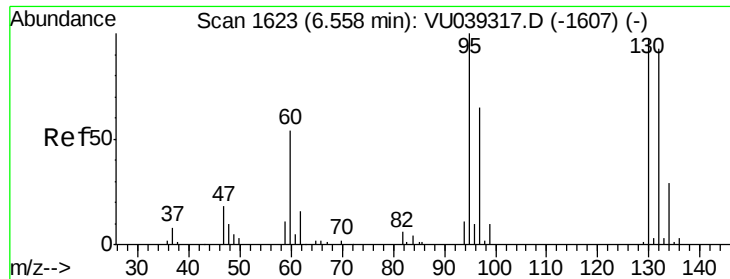
85 74.4 44.9 83.5



Abundance Ion 83.05 (82.75 to 83.75): VU039332.D (-1079) (-)

Ion 85.00 (84.70 to 85.70): VU039332.D (-1079) (-)

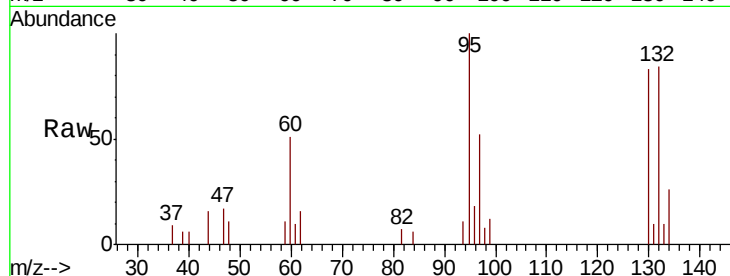




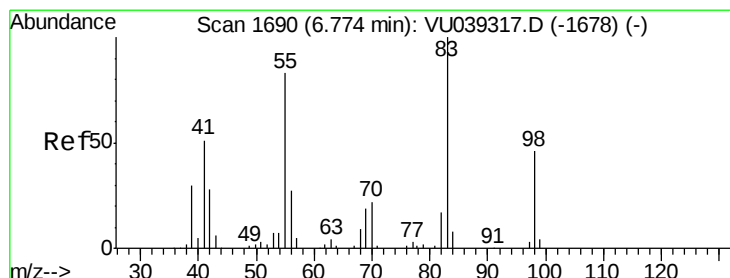
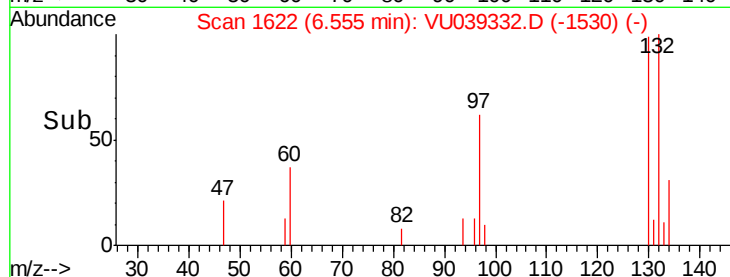
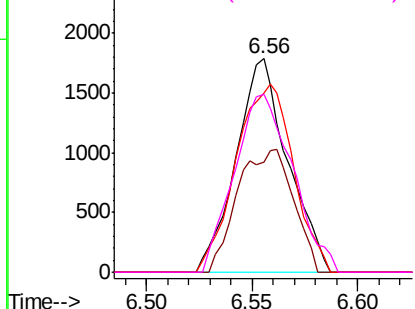
#34
 Trichloroethene
 Concen: 0.350 ug/L
 RT: 6.56 min Scan# 1622
 Delta R.T. -0.00 min
 Lab File: VU039332.D
 Acq: 07 Jul 2020 22:15

Instrument :
 MSVOA_U
 ClientSampleId :
 H4270DL

Tot Ion: 95 Resp: 3045
 Ion Ratio Lower Upper
 95 100
 97 51.8 46.3 85.9
 132 83.7 64.0 118.8
 130 83.1 64.3 119.5

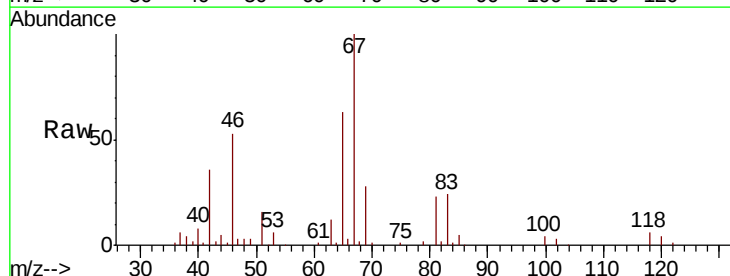


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 96.95 (96.65 to 97.65): VU0
 Ion 131.95 (131.65 to 132.65): V
 Ion 129.95 (129.65 to 130.65): V

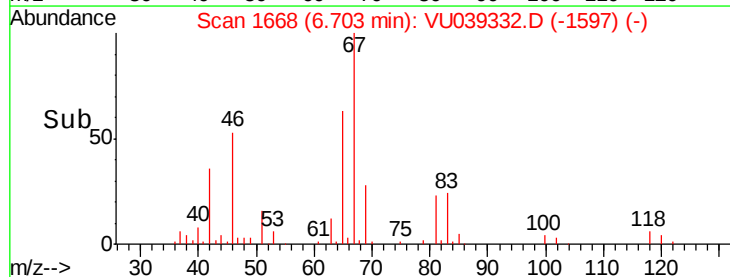
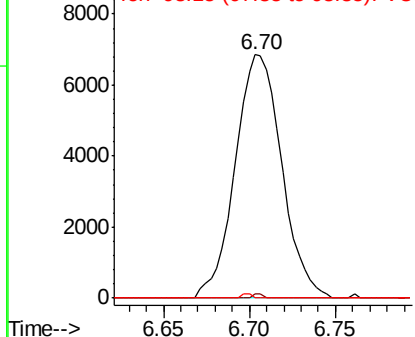


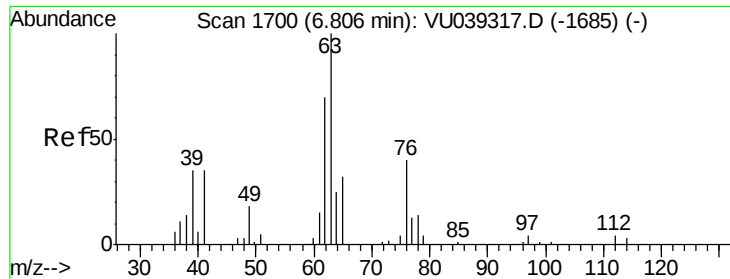
#35
 Methylcyclohexane
 Concen: 0.927 ug/L
 RT: 6.70 min Scan# 1668
 Delta R.T. -0.07 min
 Lab File: VU039332.D
 Acq: 07 Jul 2020 22:15

Tgt Ion: 83 Resp: 12909
 Ion Ratio Lower Upper
 83 100
 55 0.3 62.1 93.1#
 98 0.3 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

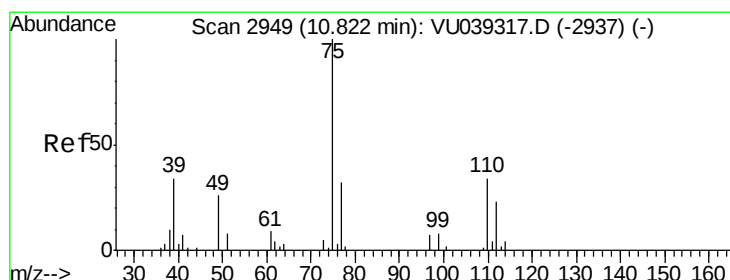
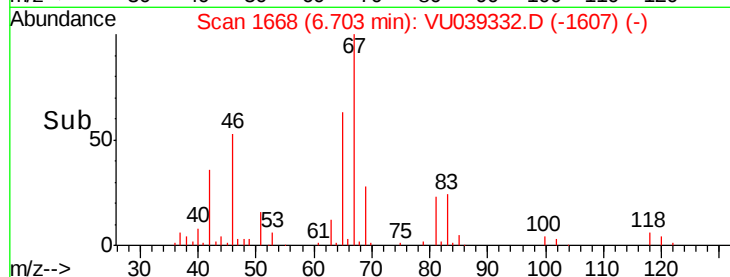
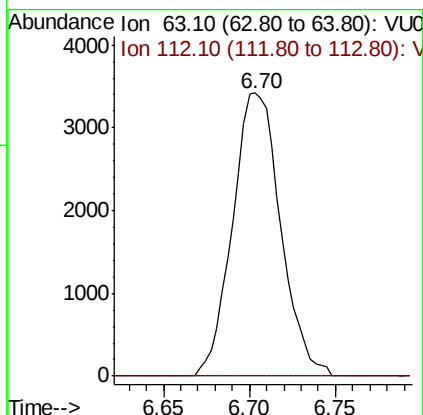
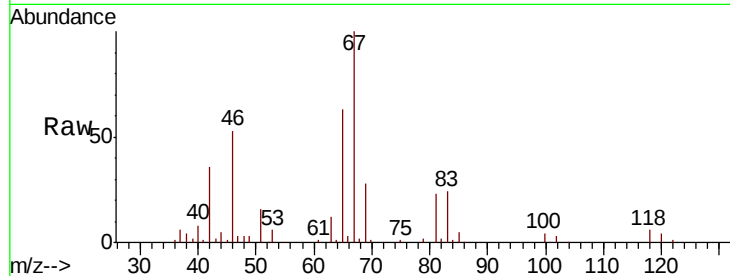




#37
 1,2-Dichloropropane
 Concen: 0.727 ug/L
 RT: 6.70 min Scan# 1668
 Delta R.T. -0.10 min
 Lab File: VU039332.D
 Acq: 07 Jul 2020 22:15

Instrument :
 MSVOA_U
 ClientSampleId :
 H4270DL

Tot Ion: 63 Resp: 6661
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.5 3.7#



#59
 1,2,3-Trichloropropane
 Concen: 1.232 ug/L
 RT: 11.81 min Scan# 3256
 Delta R.T. 0.99 min
 Lab File: VU039332.D
 Acq: 07 Jul 2020 22:15

Tgt Ion: 75 Resp: 8325
 Ion Ratio Lower Upper
 75 100
 77 35.9 26.8 40.2

