

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071720\
 Data File : VU039539.D
 Acq On : 17 Jul 2020 09:51
 Operator : SY/MD
 Sample : VU0717WBL01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK09

Quant Time: Jul 17 23:40:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jul 17 23:38:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	94026	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	87357	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	42101	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	22183	4.07	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.40%
7) Chloroethane-d5	1.92	69	23376	4.19	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.80%
11) 1,1-Dichloroethene-d2	2.58	63	35332	3.30	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.00%
20) 2-Butanone-d5	4.66	46	117958	47.31	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.62%
24) Chloroform-d	5.08	84	52876	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.20%
26) 1,2-Dichloroethane-d4	5.72	65	36625	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.60%
32) Benzene-d6	5.74	84	107185	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.00%
36) 1,2-Dichloropropane-d6	6.70	67	35941	4.86	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.20%
41) Toluene-d8	7.91	98	92594	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.60%
43) trans-1,3-Dichloropropene-	8.19	79	14485	4.44	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.80%
46) 2-Hexanone-d5	8.64	63	84461	43.64	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.28%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	33395	4.56	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	38609	5.14	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.80%

Target Compounds

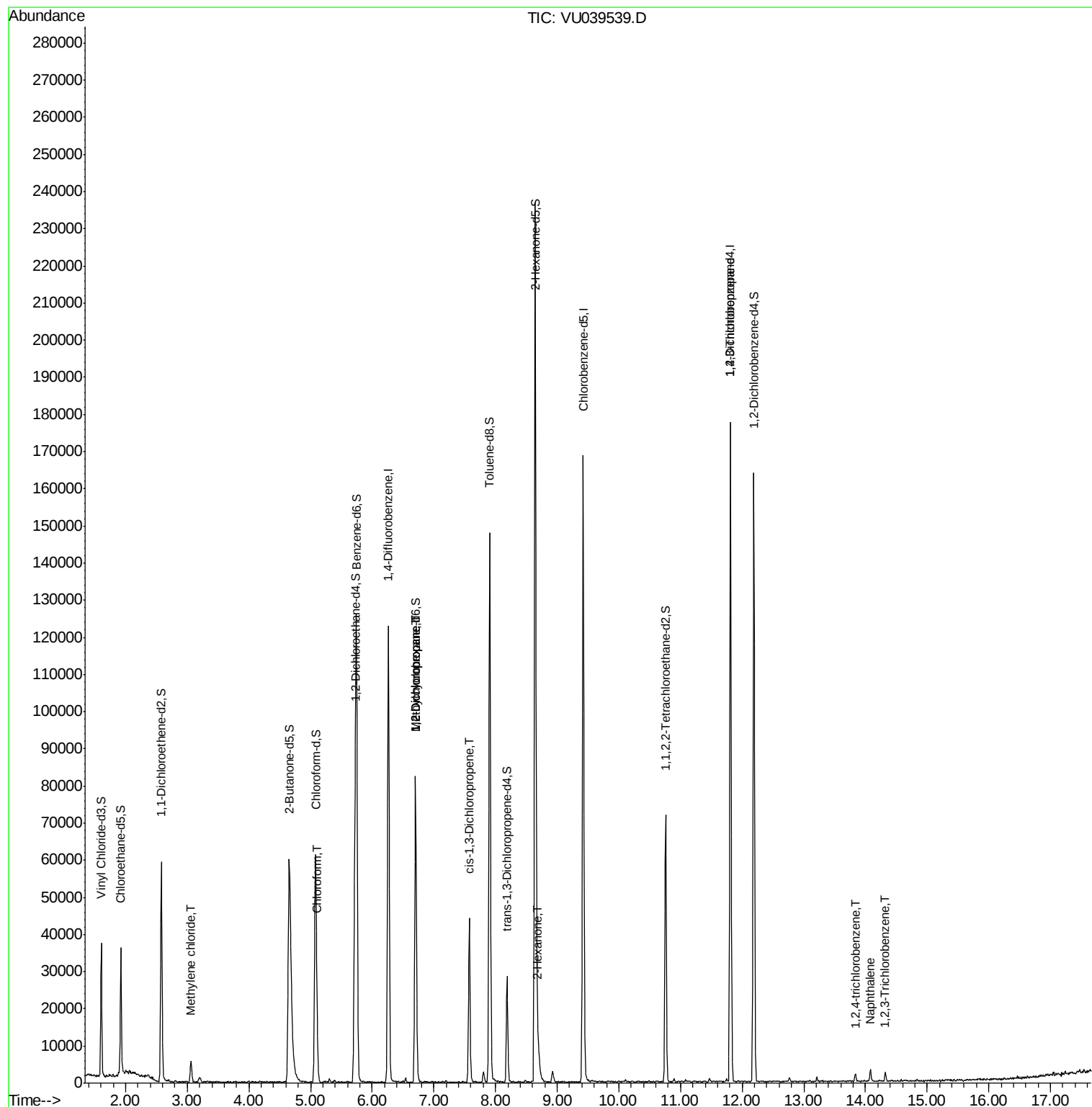
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
16) Methylene chloride	3.06	84	2405	0.342	ug/L	89
25) Chloroform	5.11	83	4573	0.374	ug/L	96
35) Methylcyclohexane	6.70	83	8604	0.795	ug/L #	18
37) 1,2-Dichloropropane	6.70	63	4416	0.620	ug/L #	91
39) cis-1,3-Dichloropropene	7.58	75	1360	0.126	ug/L #	76
48) 2-Hexanone	8.69	43	6173	1.410	ug/L #	83
59) 1,2,3-Trichloropropane	11.81	75	6624	1.262	ug/L	91
68) 1,2,4-Trichlorobenzene	13.83	180	932	0.110	ug/L #	79
69) Naphthalene	14.08	128	3030	0.178	ug/L #	88
70) 1,2,3-Trichlorobenzene	14.32	180	1055	0.135	ug/L	94

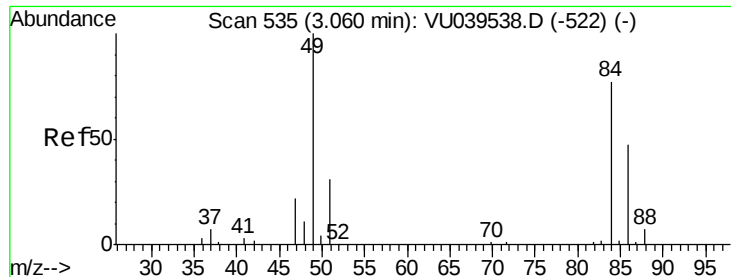
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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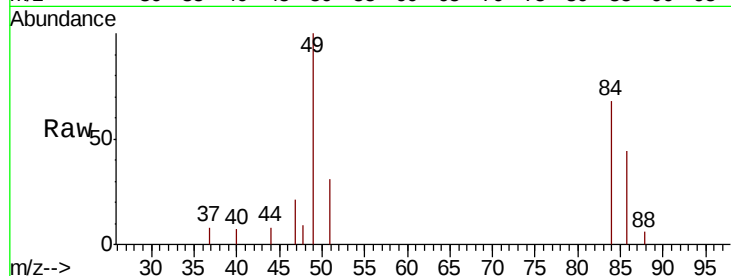




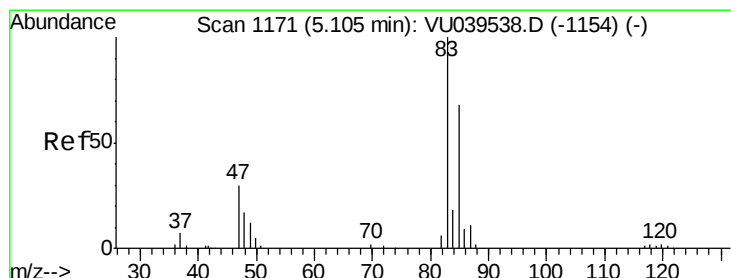
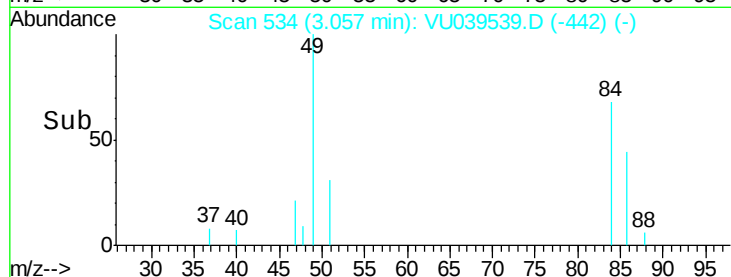
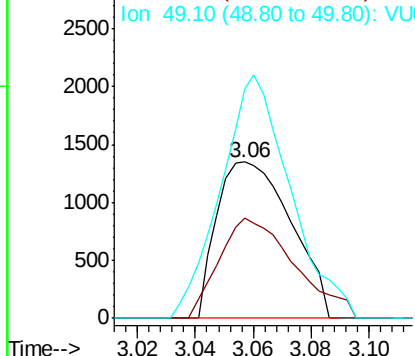
#16
Methvlene chloride
Concen: 0.342 ug/L
RT: 3.06 min Scan# 534
Delta R.T. -0.00 min
Lab File: VU039539.D
Acq: 17 Jul 2020 09:51

Instrument :
MSVOA_U
ClientSampleId :
VBLK09

Tot Ion: 84 Resp: 2405
Ion Ratio Lower Upper
84 100
86 64.0 43.5 80.9
49 147.0 91.1 169.1

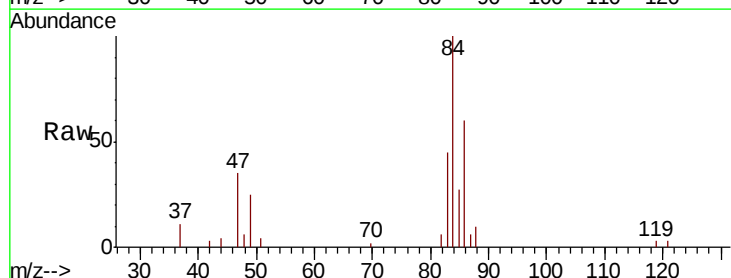


Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

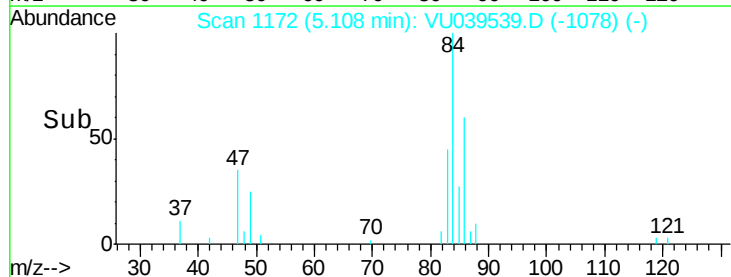
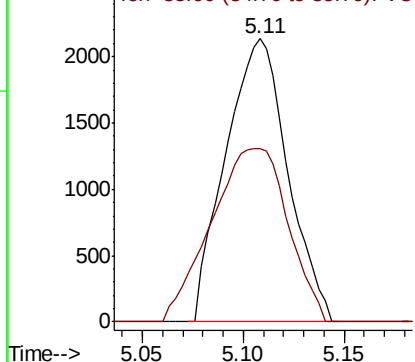


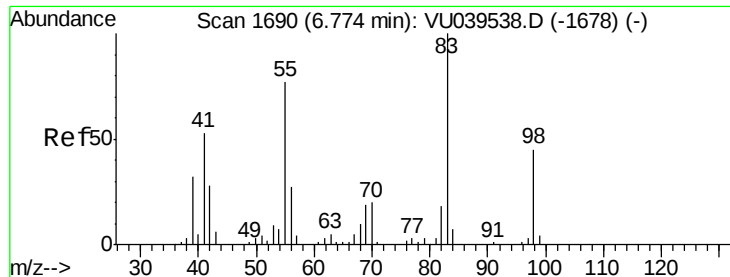
#25
Chloroform
Concen: 0.374 ug/L
RT: 5.11 min Scan# 1172
Delta R.T. 0.00 min
Lab File: VU039539.D
Acq: 17 Jul 2020 09:51

Tgt Ion: 83 Resp: 4573
Ion Ratio Lower Upper
83 100
85 61.0 44.9 83.5



Abundance Ion 83.05 (82.75 to 83.75): VU0
Ion 85.00 (84.70 to 85.70): VU0

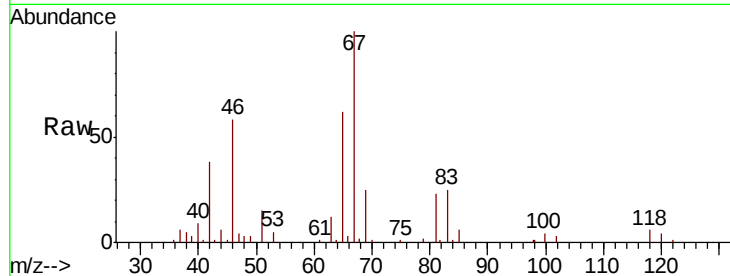




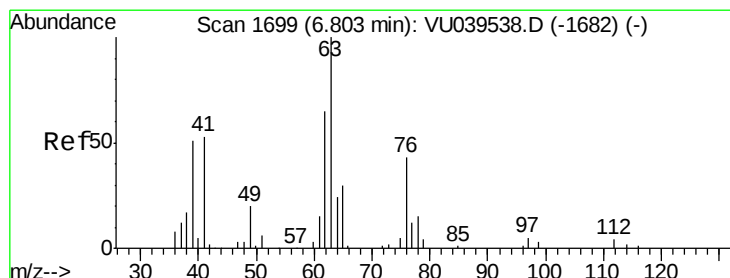
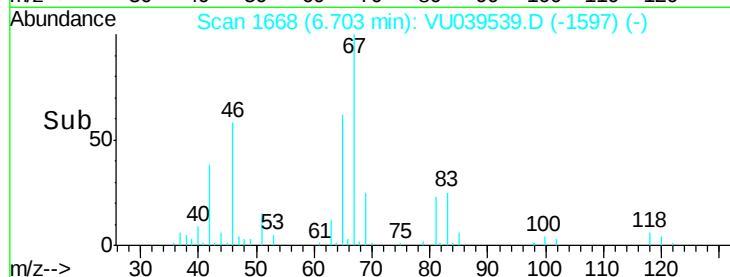
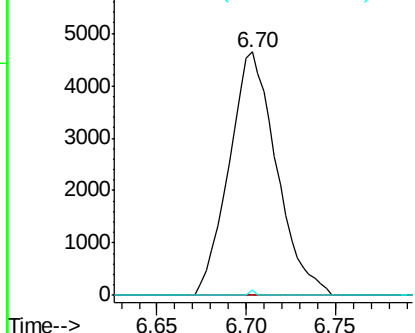
#35
Methvlcvclohexane
Concen: 0.795 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU039539.D
Acq: 17 Jul 2020 09:51

Instrument :
MSVOA_U
ClientSampleId :
VBLK09

Tot Ion: 83 Resp: 8604
Ion Ratio Lower Upper
83 100
55 0.0 62.1 93.1#
98 0.2 35.9 53.9#

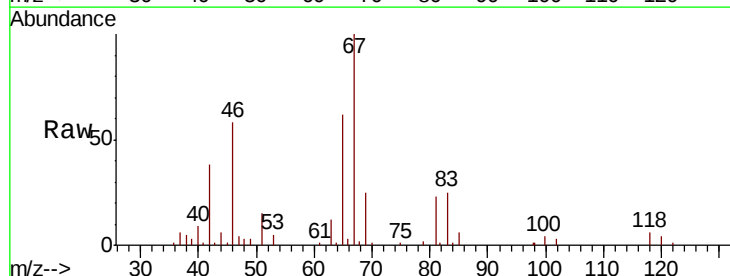


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

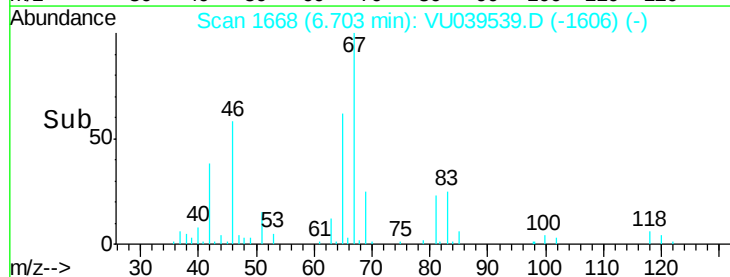
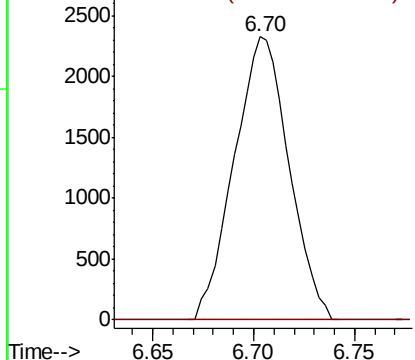


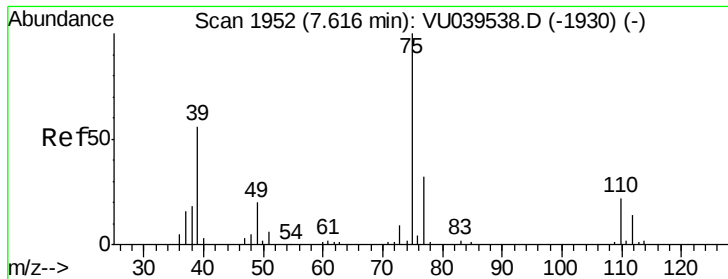
#37
1,2-Dichloropropane
Concen: 0.620 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU039539.D
Acq: 17 Jul 2020 09:51

Tgt Ion: 63 Resp: 4416
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



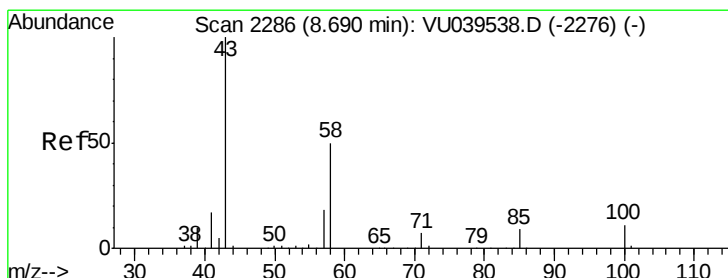
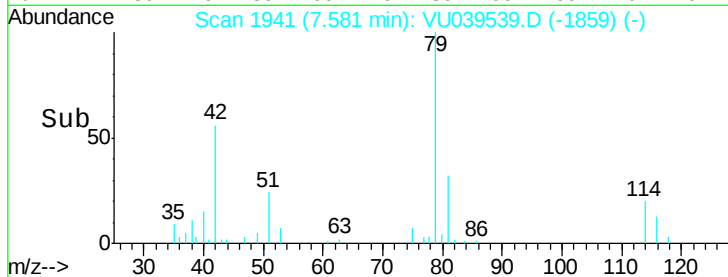
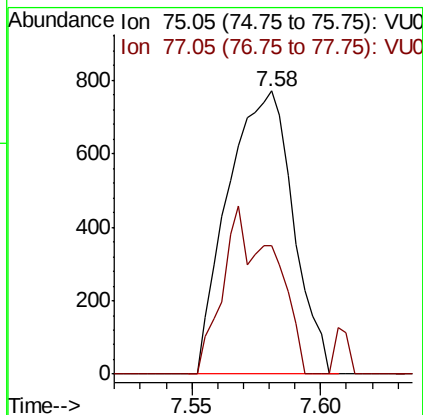
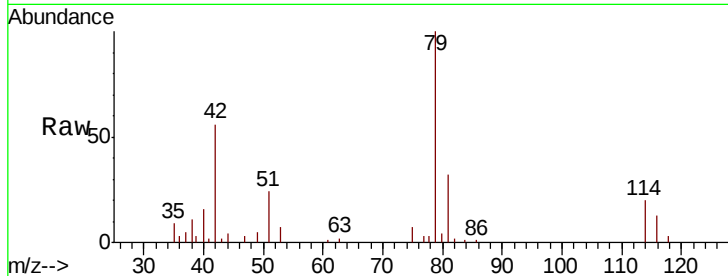


#39

cis-1,3-Dichloropropene
 Concen: 0.126 ug/L
 RT: 7.58 min Scan# 1941
 Delta R.T. -0.04 min
 Lab File: VU039539.D
 Acq: 17 Jul 2020 09:51

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK09

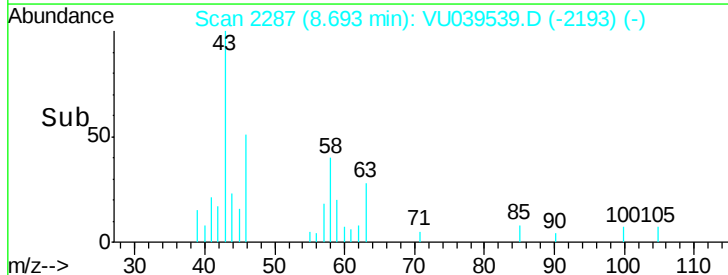
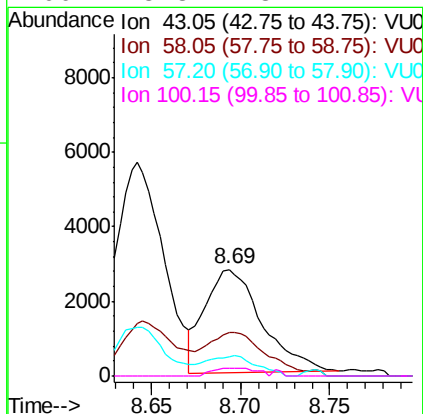
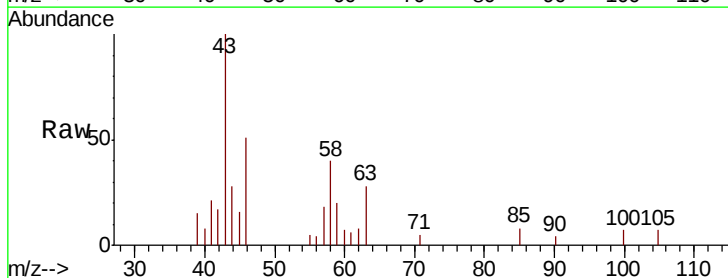
Tot Ion: 75 Resp: 1360
 Ion Ratio Lower Upper
 75 100
 77 45.3 22.3 41.3#

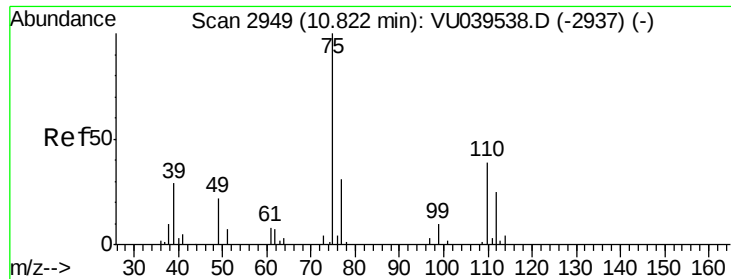


#48

2-Hexanone
 Concen: 1.410 ug/L
 RT: 8.69 min Scan# 2287
 Delta R.T. 0.00 min
 Lab File: VU039539.D
 Acq: 17 Jul 2020 09:51

Tgt Ion: 43 Resp: 6173
 Ion Ratio Lower Upper
 43 100
 58 36.4 42.0 63.0#
 57 16.9 14.0 21.0
 100 5.8 8.2 12.2#





#59

1,2,3-Trichloropropane

Concen: 1.262 ug/L

RT: 11.81 min Scan# 3256

Delta R.T. 0.99 min

Lab File: VU039539.D

Acq: 17 Jul 2020 09:51

Instrument :

MSVOA_U

ClientSampleId :

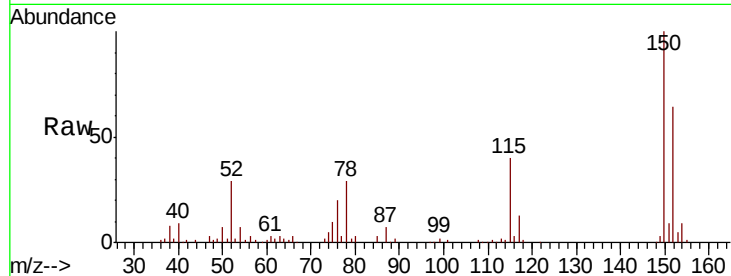
VBLK09

Tot Ion: 75 Resp: 6624

Ion Ratio Lower Upper

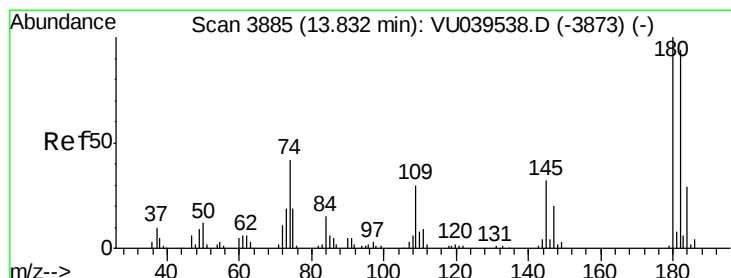
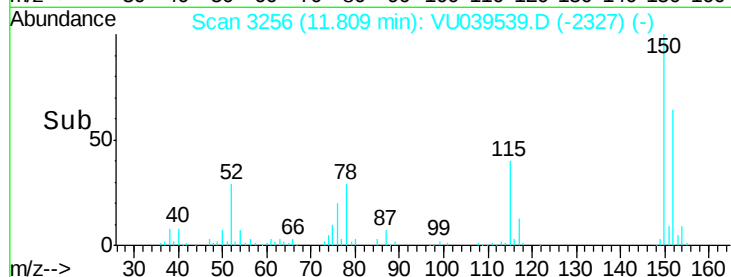
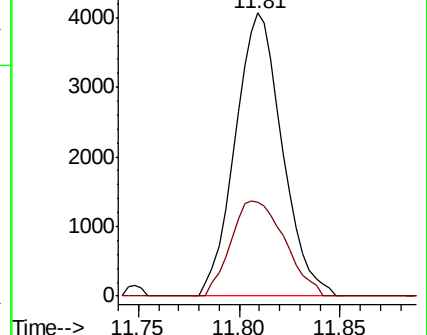
75 100

77 38.4 26.8 40.2



Abundance Ion 75.00 (74.70 to 75.70): VU039538.D (-2937) (-)

Ion 77.00 (76.70 to 77.70): VU039538.D (-2937) (-)



#68

1,2,4-trichlorobenzene

Concen: 0.110 ug/L

RT: 13.83 min Scan# 3885

Delta R.T. -0.00 min

Lab File: VU039539.D

Acq: 17 Jul 2020 09:51

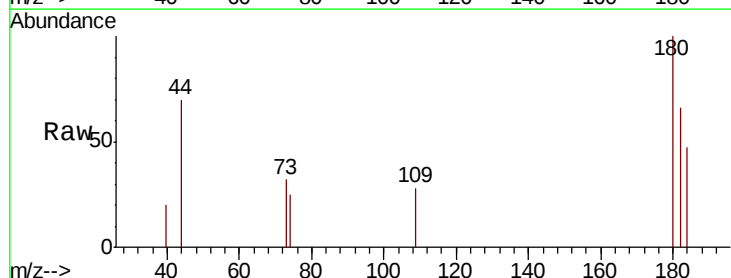
Tgt Ion: 180 Resp: 932

Ion Ratio Lower Upper

180 100

182 84.5 79.4 119.2

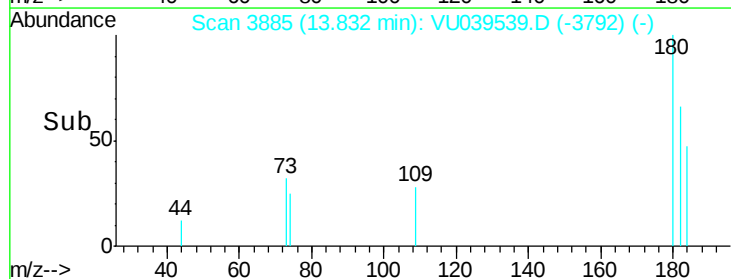
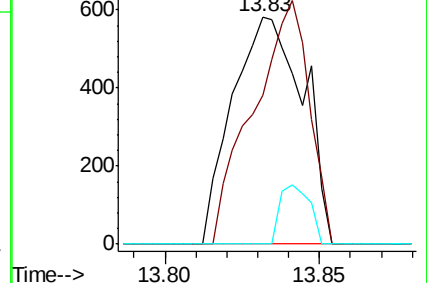
145 10.8 26.4 39.6#

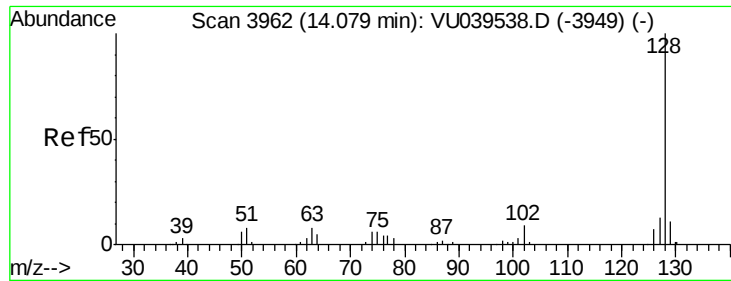


Abundance Ion 179.90 (179.60 to 180.60): VU039538.D (-3873) (-)

Ion 182.00 (181.70 to 182.70): VU039538.D (-3873) (-)

Ion 144.95 (144.65 to 145.65): VU039538.D (-3873) (-)





#69

Naphthalene

Concen: 0.178 ug/L

RT: 14.08 min Scan# 3962

Delta R.T. -0.00 min

Lab File: VU039539.D

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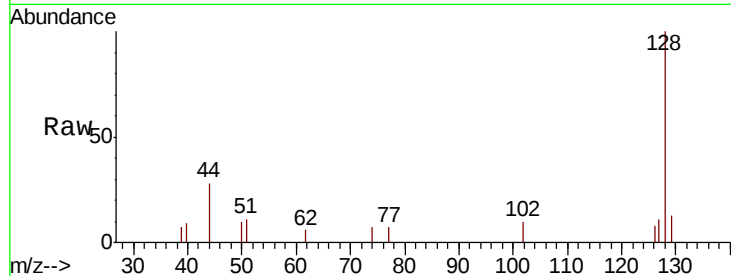
Tot Ion:128 Resp: 3030

Ion Ratio Lower Upper

128 100

129 9.9 8.6 13.0

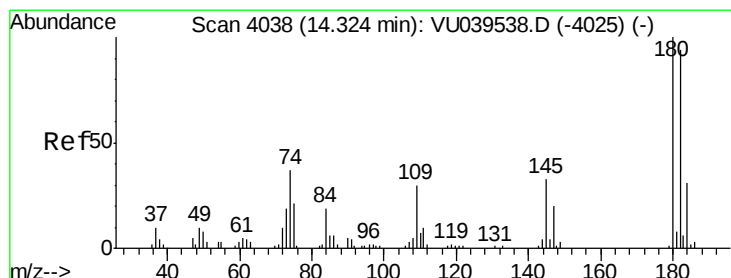
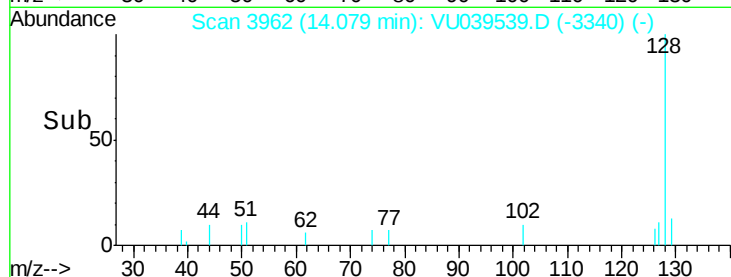
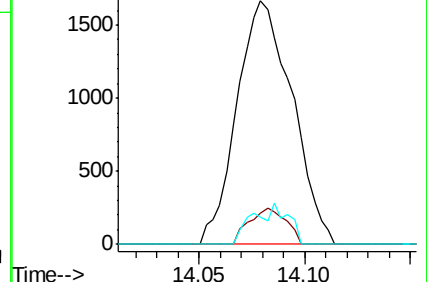
127 5.3 10.4 15.6#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#70

1,2,3-Trichlorobenzene

Concen: 0.135 ug/L

RT: 14.32 min Scan# 4037

Delta R.T. -0.00 min

Lab File: VU039539.D

Acq: 17 Jul 2020 09:51

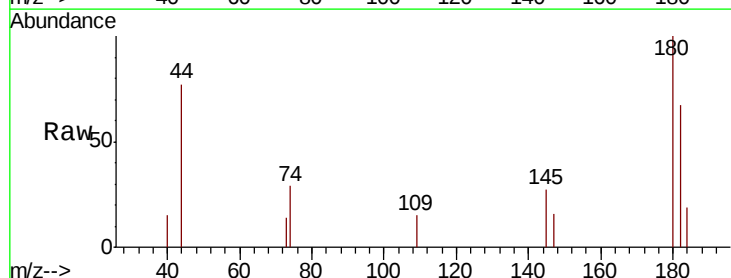
Tgt Ion:180 Resp: 1055

Ion Ratio Lower Upper

180 100

182 86.4 74.2 111.2

145 31.4 27.6 41.4



Abundance Ion 179.90 (179.60 to 180.60): V

Ion 181.90 (181.60 to 182.60): V

Ion 144.95 (144.65 to 145.65): V

