

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080720\
 Data File : VU039792.D
 Acq On : 07 Aug 2020 18:30
 Operator : SY/MD
 Sample : L3572-16
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 08 03:34:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR080320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Aug 08 03:30:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	73592	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	71128	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	32113	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	22064	5.55	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	111.00%
7) Chloroethane-d5	1.92	69	21830	5.08	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.60%
11) 1,1-Dichloroethene-d2	2.58	63	30154	3.77	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.40%
20) 2-Butanone-d5	4.65	46	84420	48.30	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.60%
24) Chloroform-d	5.08	84	48284	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.20%
26) 1,2-Dichloroethane-d4	5.72	65	30319	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.60%
32) Benzene-d6	5.74	84	87622	5.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.60%
36) 1,2-Dichloropropane-d6	6.70	67	30564	5.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.40%
41) Toluene-d8	7.91	98	69383	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.40%
43) trans-1,3-Dichloropropene-	8.19	79	9247	4.16	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.20%
46) 2-Hexanone-d5	8.64	63	59912	49.83	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.66%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	27236	4.83	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	32506	5.91	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	118.20%

Target Compounds

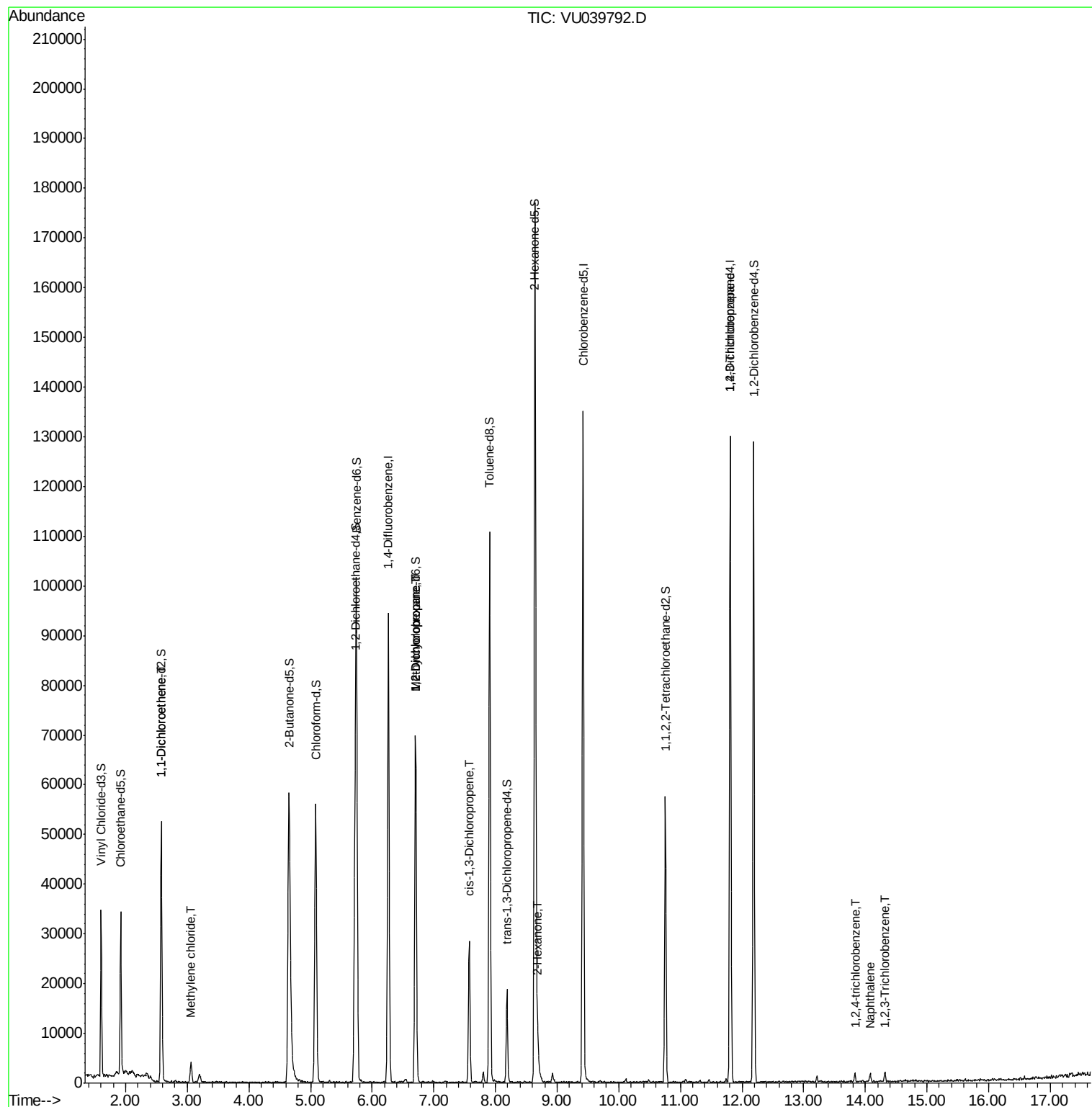
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.57	96	301	0.069	ug/L #	1
16) Methylene chloride	3.06	84	1510	0.213	ug/L #	79
35) Methylcyclohexane	6.70	83	7288	0.907	ug/L #	19
37) 1,2-Dichloropropane	6.70	63	3661	0.711	ug/L #	86
39) cis-1,3-Dichloropropene	7.57	75	749	0.107	ug/L #	80
48) 2-Hexanone	8.69	43	2813	1.013	ug/L #	83
59) 1,2,3-Trichloropropane	11.81	75	4807	1.295	ug/L	92
68) 1,2,4-Trichlorobenzene	13.83	180	667	0.112	ug/L #	69
69) Naphthalene	14.08	128	2213	0.207	ug/L #	77
70) 1,2,3-Trichlorobenzene	14.32	180	925	0.173	ug/L #	83

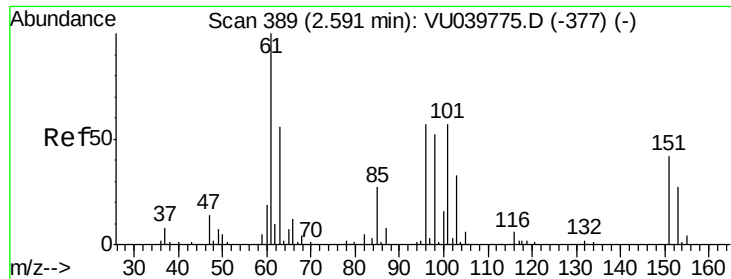
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080720\
Data File : VU039792.D
Acq On : 07 Aug 2020 18:30
Operator : SY/MD
Sample : L3572-16
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Aug 08 03:34:29 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR080320WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Aug 08 03:30:58 2020
Response via : Initial Calibration

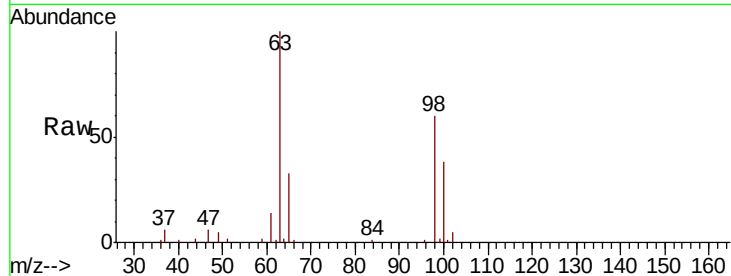




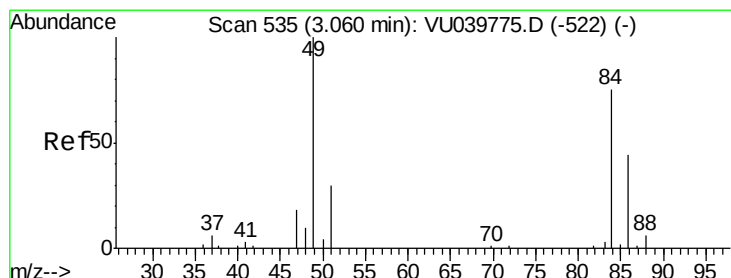
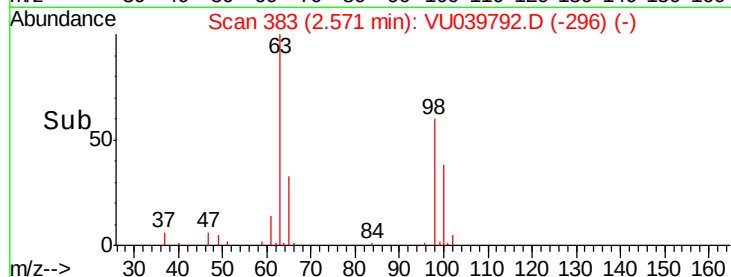
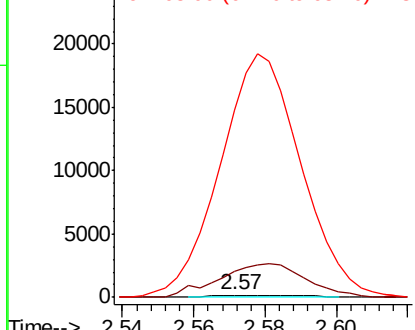
#12
 1,1-Dichloroethene
 Concen: 0.069 ug/L
 RT: 2.57 min Scan# 383
 Delta R.T. -0.02 min
 Lab File: VU039792.D
 Acq: 07 Aug 2020 18:30

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 96 Resp: 301
 Ion Ratio Lower Upper
 96 100
 61 1116.4 121.7 225.9#
 63 8069.4 82.1 152.5#

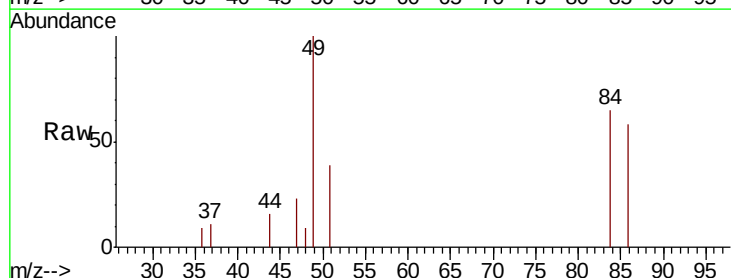


Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.05 (60.75 to 61.75): VU0
 Ion 63.00 (62.70 to 63.70): VU0

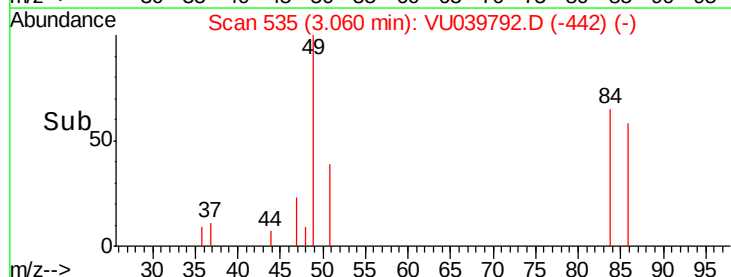
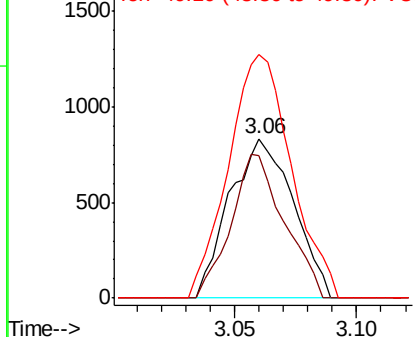


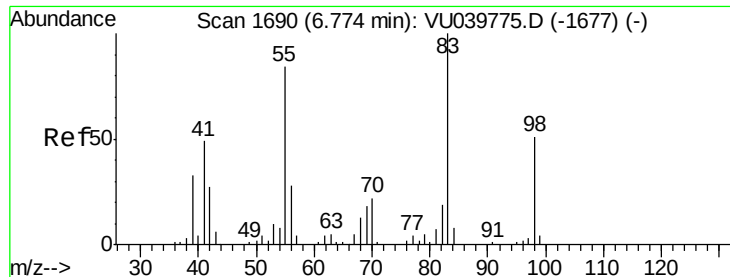
#16
 Methylene chloride
 Concen: 0.213 ug/L
 RT: 3.06 min Scan# 535
 Delta R.T. -0.00 min
 Lab File: VU039792.D
 Acq: 07 Aug 2020 18:30

Tgt Ion: 84 Resp: 1510
 Ion Ratio Lower Upper
 84 100
 86 89.1 43.9 81.5#
 49 152.8 94.4 175.4



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

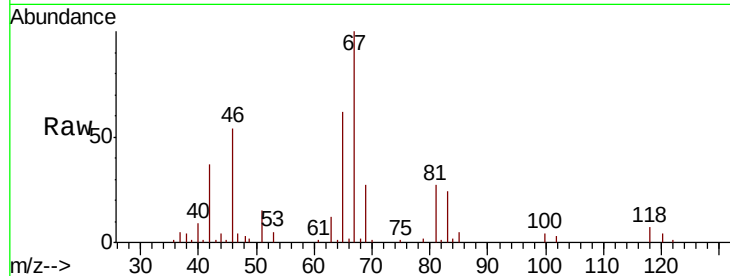




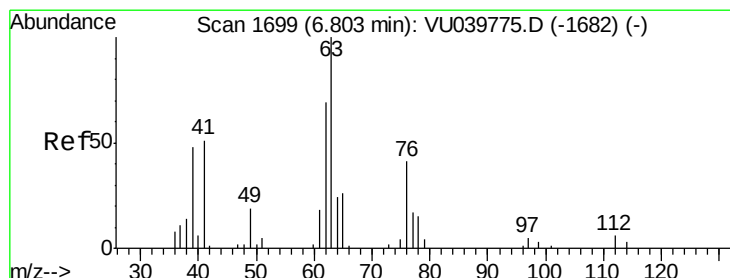
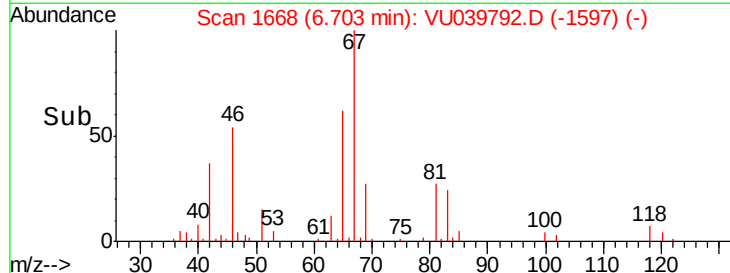
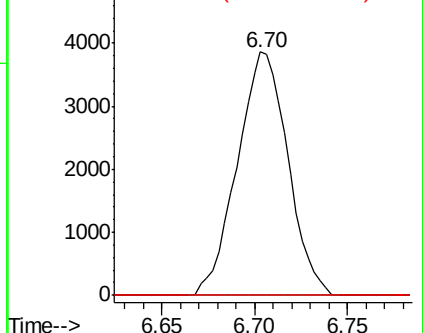
#35
Methylvlcyclohexane
Concen: 0.907 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU039792.D
Acq: 07 Aug 2020 18:30

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 83 Resp: 7288
Ion Ratio Lower Upper
83 100
55 0.0 59.4 89.0#
98 0.3 39.0 58.4#

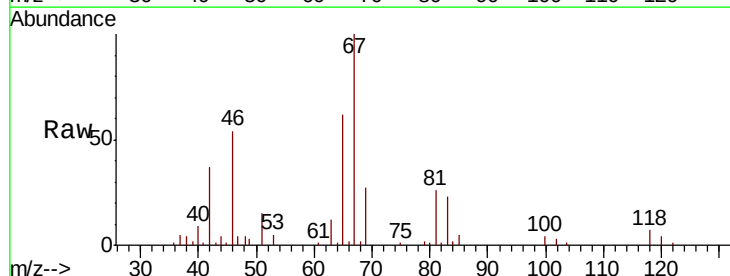


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

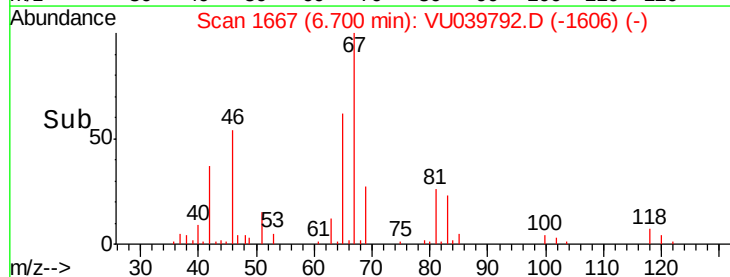
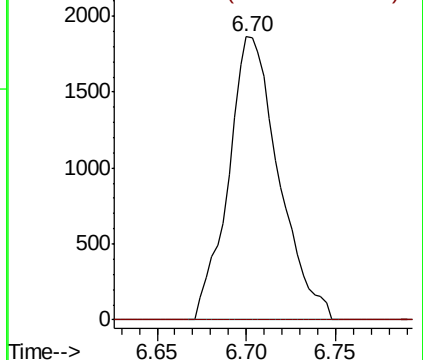


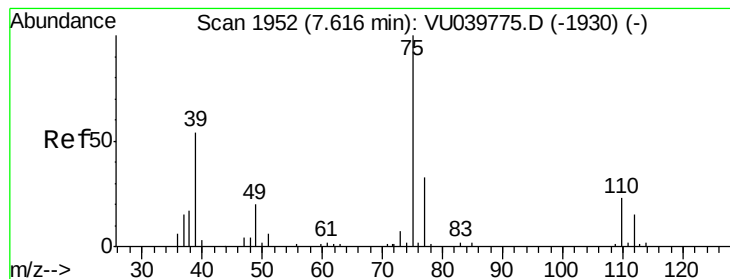
#37
1,2-Dichloropropane
Concen: 0.711 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.10 min
Lab File: VU039792.D
Acq: 07 Aug 2020 18:30

Tgt Ion: 63 Resp: 3661
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



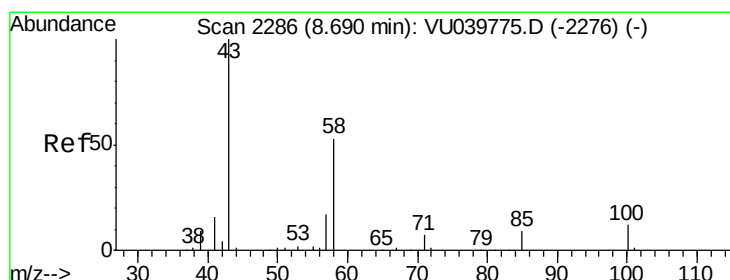
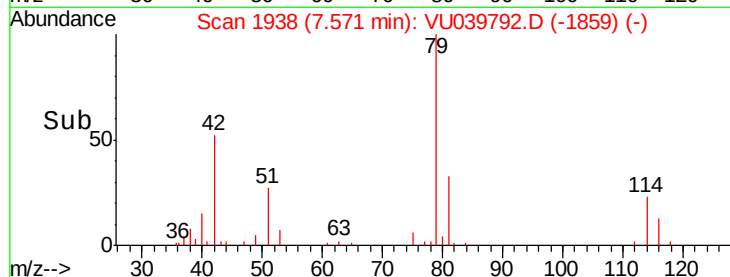
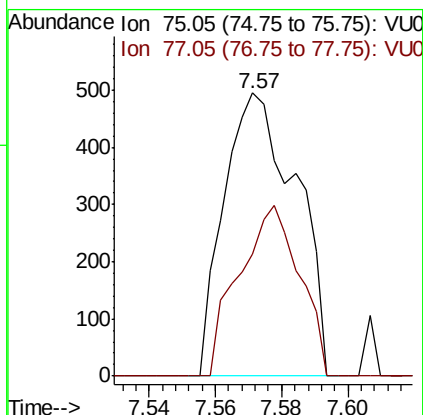
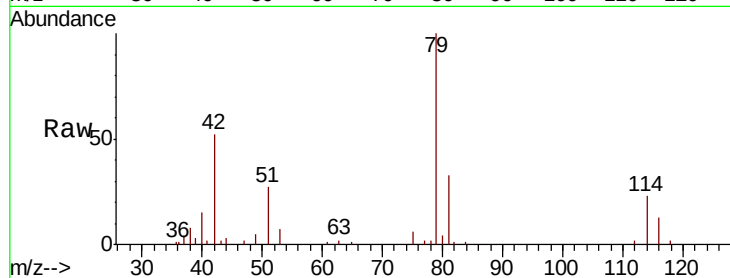


#39

cis-1,3-Dichloropropene
 Concen: 0.107 ug/L
 RT: 7.57 min Scan# 1938
 Delta R.T. -0.05 min
 Lab File: VU039792.D
 Acq: 07 Aug 2020 18:30

Instrument :
 MSVOA_U
 ClientSampleId :

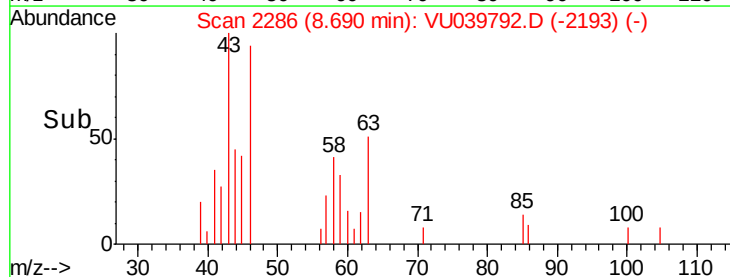
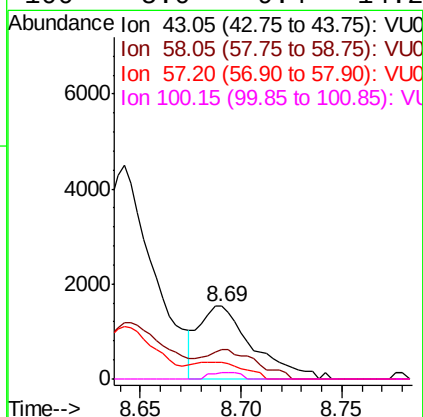
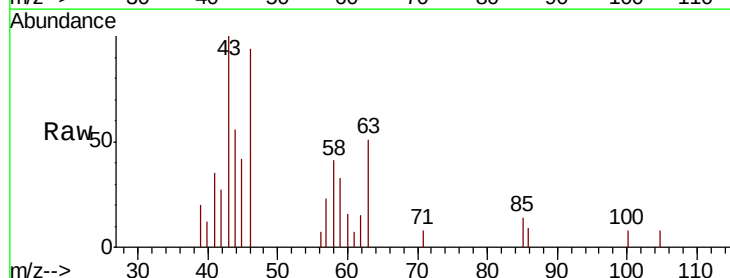
Tot Ion: 75 Resp: 749
 Ion Ratio Lower Upper
 75 100
 77 43.0 22.4 41.6#

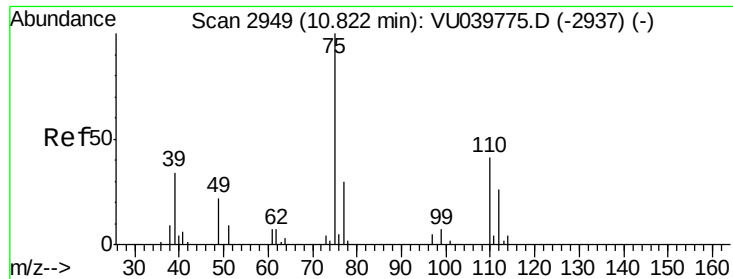


#48

2-Hexanone
 Concen: 1.013 ug/L
 RT: 8.69 min Scan# 2286
 Delta R.T. -0.00 min
 Lab File: VU039792.D
 Acq: 07 Aug 2020 18:30

Tgt Ion: 43 Resp: 2813
 Ion Ratio Lower Upper
 43 100
 58 38.9 41.8 62.8#
 57 23.1 14.2 21.4#
 100 5.0 9.4 14.2#

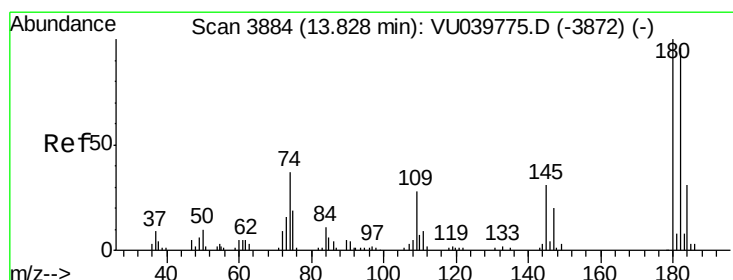
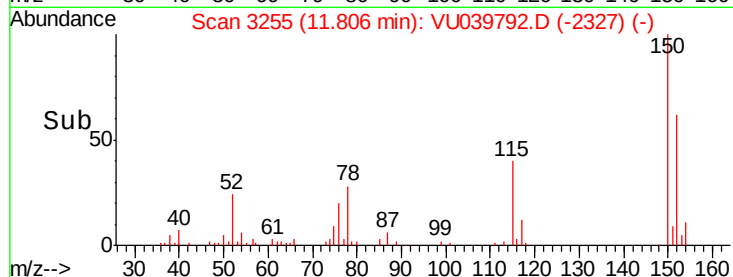
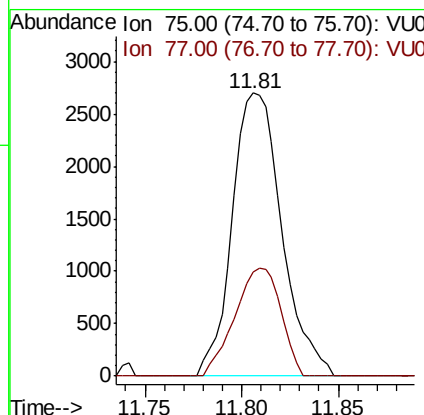
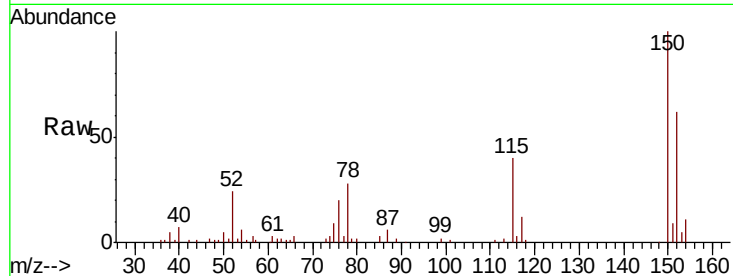




#59
 1,2,3-Trichloropropane
 Concen: 1.295 ug/L
 RT: 11.81 min Scan# 3255
 Delta R.T. 0.98 min
 Lab File: VU039792.D
 Acq: 07 Aug 2020 18:30

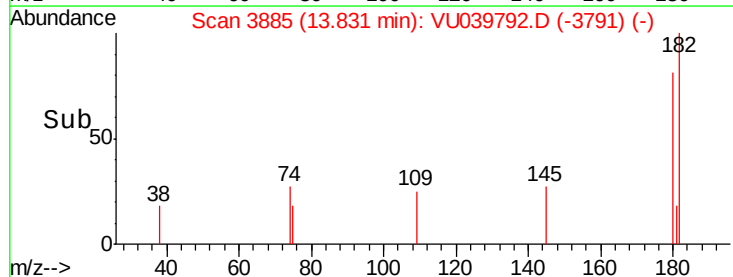
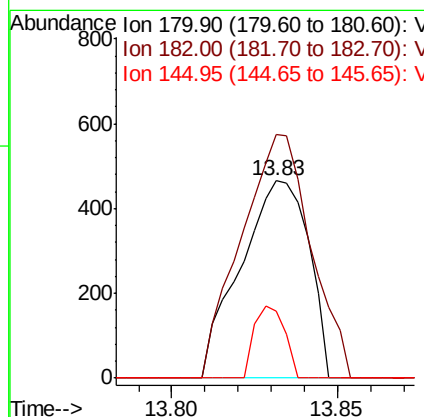
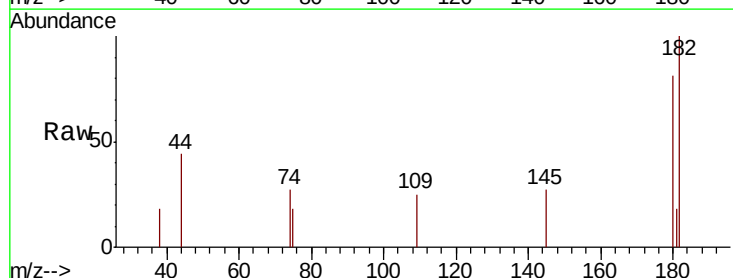
Instrument :
 MSVOA_U
 ClientSampled :

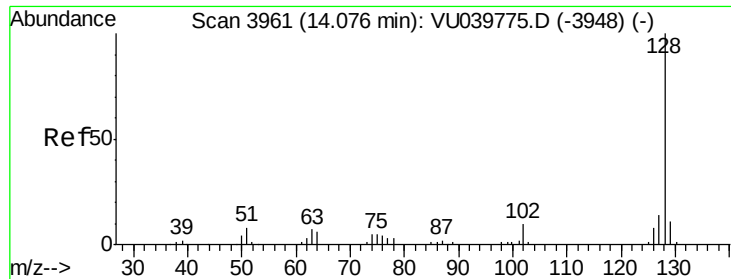
Tot Ion: 75 Resp: 4807
 Ion Ratio Lower Upper
 75 100
 77 35.4 24.6 37.0



#68
 1,2,4-trichlorobenzene
 Concen: 0.112 ug/L
 RT: 13.83 min Scan# 3885
 Delta R.T. 0.00 min
 Lab File: VU039792.D
 Acq: 07 Aug 2020 18:30

Tgt Ion: 180 Resp: 667
 Ion Ratio Lower Upper
 180 100
 182 126.4 75.7 113.5#
 145 16.2 25.1 37.7#

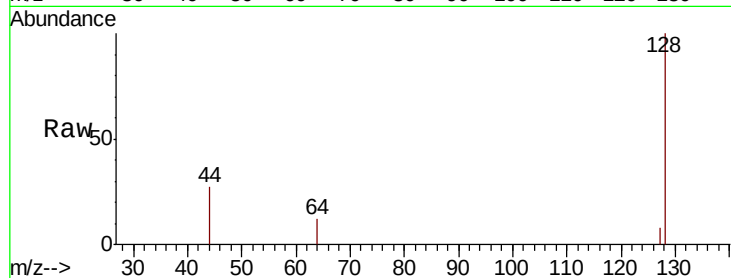




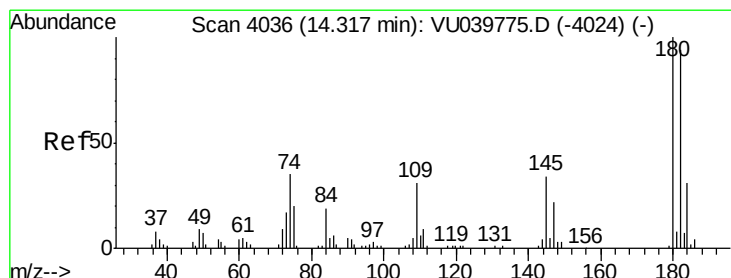
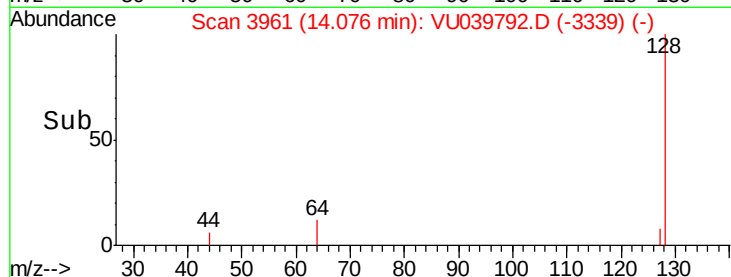
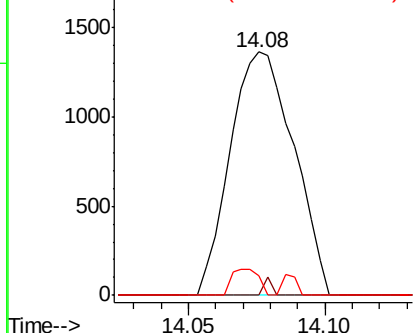
#69
Naphthalene
Concen: 0.207 ug/L
RT: 14.08 min Scan# 3961
Delta R.T. -0.00 min
Lab File: VU039792.D
Acq: 07 Aug 2020 18:30

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:128 Resp: 2213
Ion Ratio Lower Upper
128 100
129 0.9 8.9 13.3#
127 4.7 10.1 15.1#

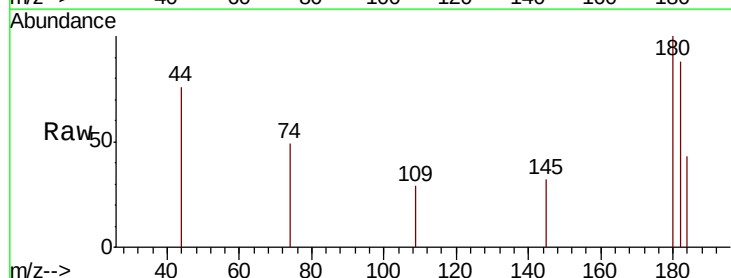


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 129.00 (128.70 to 129.70): V
Ion 127.00 (126.70 to 127.70): V



#70
1,2,3-Trichlorobenzene
Concen: 0.173 ug/L
RT: 14.32 min Scan# 4036
Delta R.T. -0.00 min
Lab File: VU039792.D
Acq: 07 Aug 2020 18:30

Tgt Ion:180 Resp: 925
Ion Ratio Lower Upper
180 100
182 85.5 76.1 114.1
145 12.2 27.4 41.0#



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

