

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU081920\
 Data File : VU039904.D
 Acq On : 19 Aug 2020 13:39
 Operator : SY/MD
 Sample : L3701-01 20X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 JLTx0

Quant Time: Aug 20 08:16:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR081920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Aug 20 08:13:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	78353	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	77588	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	35476	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	30152	4.41	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.20%
7) Chloroethane-d5	1.92	69	25991	4.59	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.80%
11) 1,1-Dichloroethene-d2	2.58	63	41730	3.15	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.00%
20) 2-Butanone-d5	4.66	46	93540	42.77	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.54%
24) Chloroform-d	5.08	84	51832	4.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.80%
26) 1,2-Dichloroethane-d4	5.72	65	30467	4.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.40%
32) Benzene-d6	5.74	84	104308	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.40%
36) 1,2-Dichloropropane-d6	6.70	67	33685	4.42	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.40%
41) Toluene-d8	7.90	98	85509	4.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.60%
43) trans-1,3-Dichloropropene-	8.18	79	13359	4.18	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.60%
46) 2-Hexanone-d5	8.64	63	69920	43.09	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.18%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	26853	3.97	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	79.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	32802	4.69	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.80%

Target Compounds

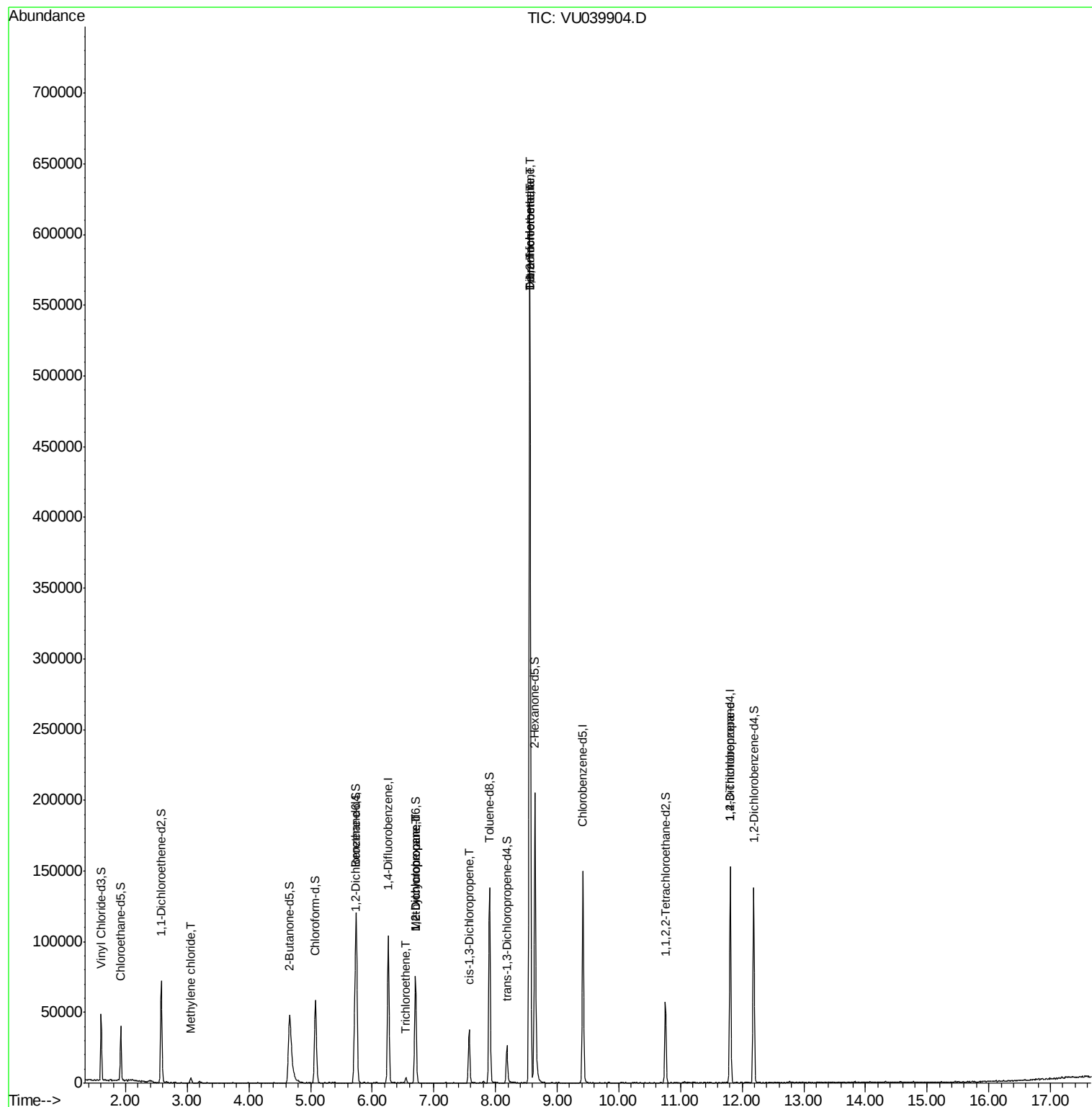
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
16) Methylene chloride	3.06	84	1790	0.190	ug/L	78
34) Trichloroethene	6.54	95	1135	0.155	ug/L #	79
35) Methylcyclohexane	6.70	83	7705	0.687	ug/L #	19
37) 1,2-Dichloropropane	6.70	63	3888	0.519	ug/L #	85
39) cis-1,3-Dichloropropene	7.57	75	1144	0.109	ug/L #	80
45) 1,1,2-Trichloroethane	8.56	97	1207	0.212	ug/L #	1
47) Tetrachloroethene	8.56	164	119837	22.199	ug/L	97
49) Dibromochloromethane	8.56	129	118577	17.445	ug/L #	12
59) 1,2,3-Trichloropropane	11.81	75	5306	0.988	ug/L	91

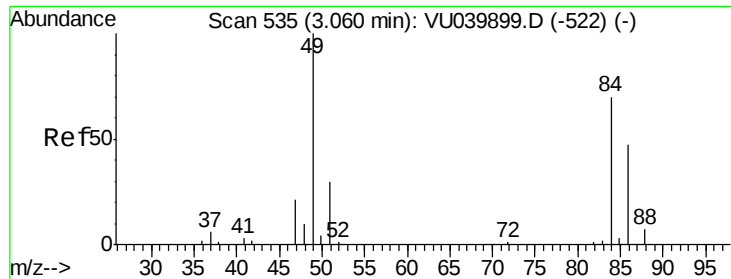
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU081920\
Data File : VU039904.D
Acq On : 19 Aug 2020 13:39
Operator : SY/MD
Sample : L3701-01 20X
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
JLTX0

Quant Time: Aug 20 08:16:36 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR081920WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Aug 20 08:13:41 2020
Response via : Initial Calibration

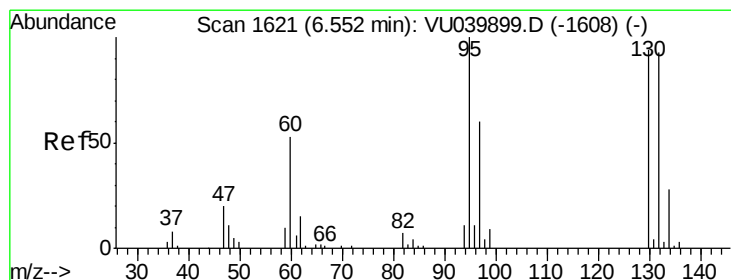
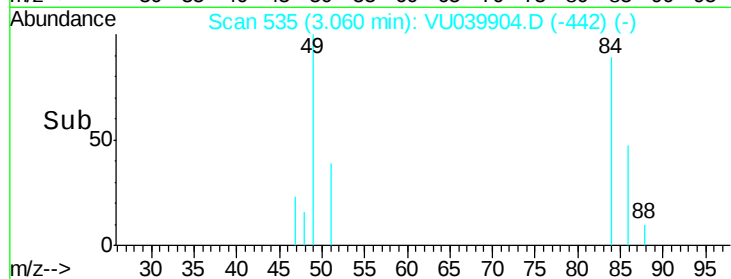
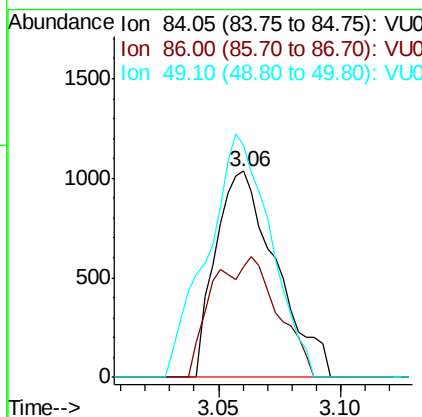
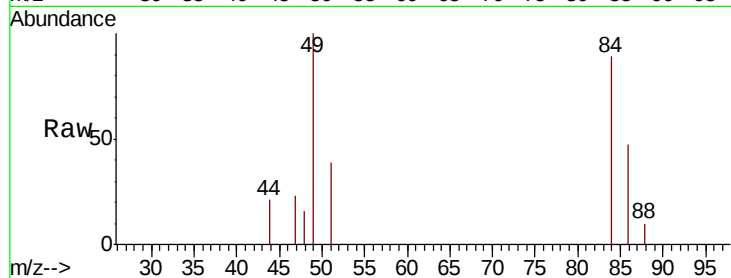




#16
Methvlene chloride
Concen: 0.190 ug/L
RT: 3.06 min Scan# 535
Delta R.T. -0.00 min
Lab File: VU039904.D
Acq: 19 Aug 2020 13:39

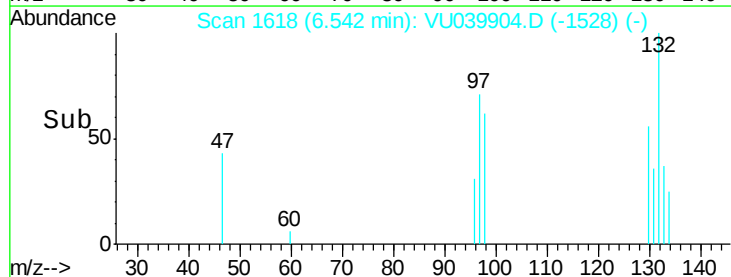
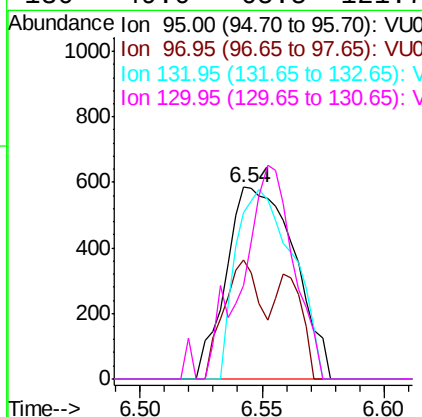
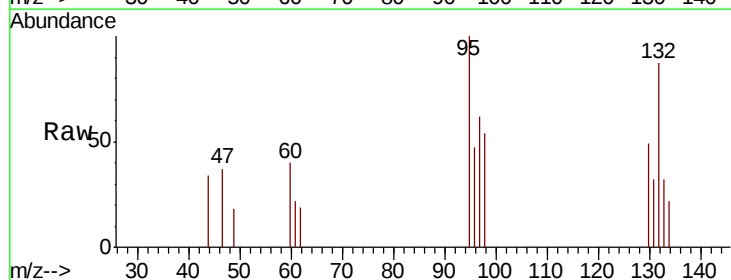
Instrument :
MSVOA_U
ClientSampleId :
JLTX0

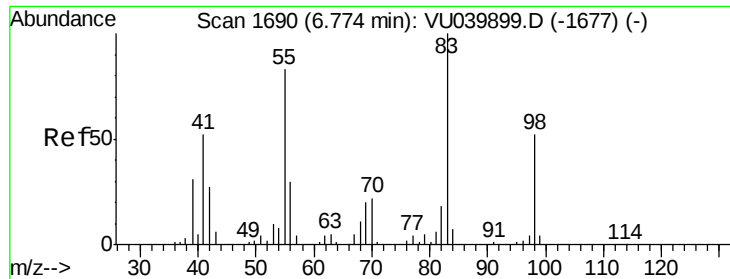
Tot Ion: 84 Resp: 1790
Ion Ratio Lower Upper
84 100
86 53.5 47.2 87.6
49 112.9 99.8 185.4



#34
Trichloroethene
Concen: 0.155 ug/L
RT: 6.54 min Scan# 1618
Delta R.T. -0.01 min
Lab File: VU039904.D
Acq: 19 Aug 2020 13:39

Tgt Ion: 95 Resp: 1135
Ion Ratio Lower Upper
95 100
97 62.2 42.0 78.0
132 87.0 65.0 120.8
130 49.0 65.5 121.7#

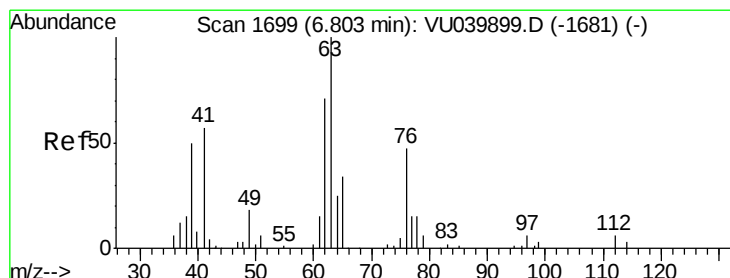
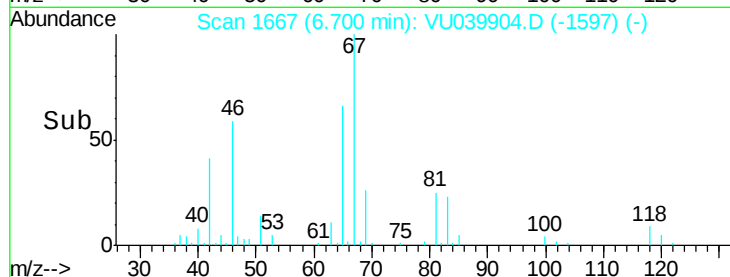
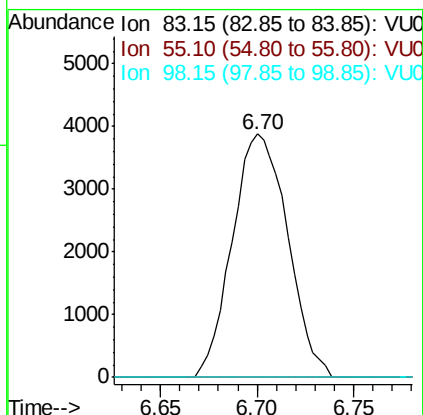
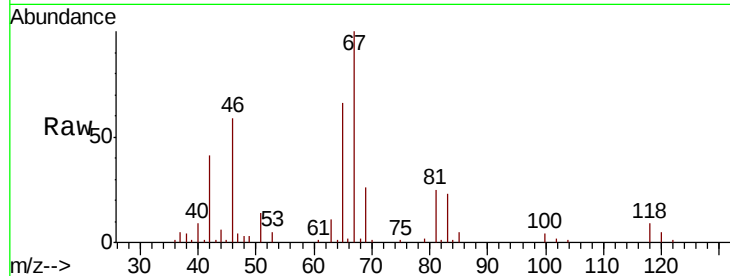




#35
Methvlcvclohexane
Concen: 0.687 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.07 min
Lab File: VU039904.D
Acq: 19 Aug 2020 13:39

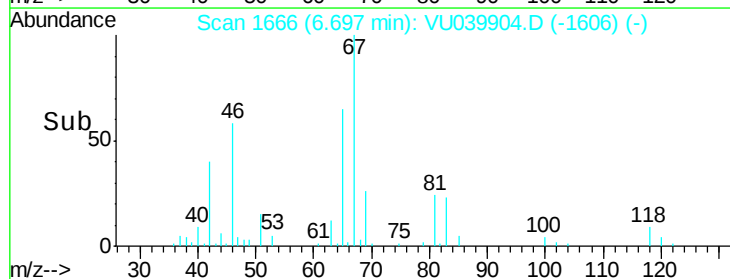
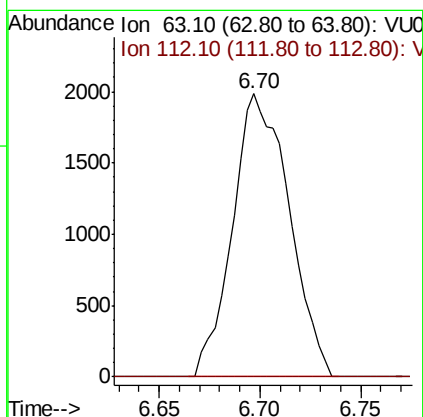
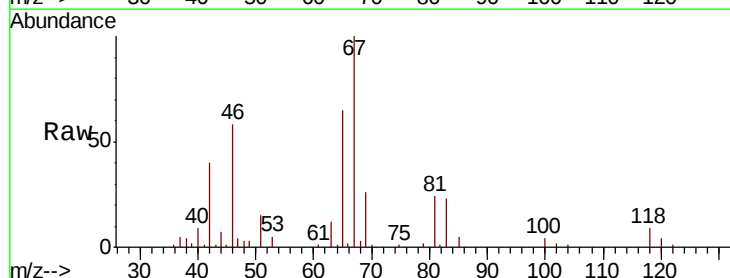
Instrument :
MSVOA_U
ClientSampleId :
JLTX0

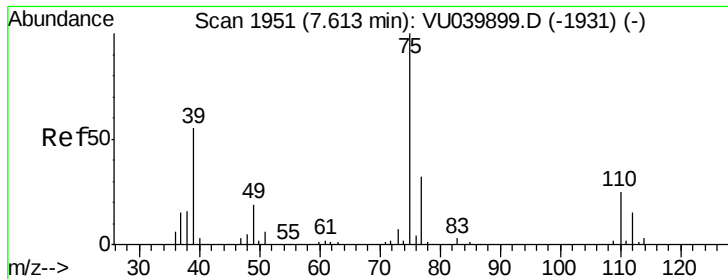
Tot Ion: 83 Resp: 7705
Ion Ratio Lower Upper
83 100
55 0.0 64.1 96.1#
98 4.5 39.4 59.0#



#37
1,2-Dichloropropane
Concen: 0.519 ug/L
RT: 6.70 min Scan# 1666
Delta R.T. -0.11 min
Lab File: VU039904.D
Acq: 19 Aug 2020 13:39

Tgt Ion: 63 Resp: 3888
Ion Ratio Lower Upper
63 100
112 0.0 4.1 6.1#

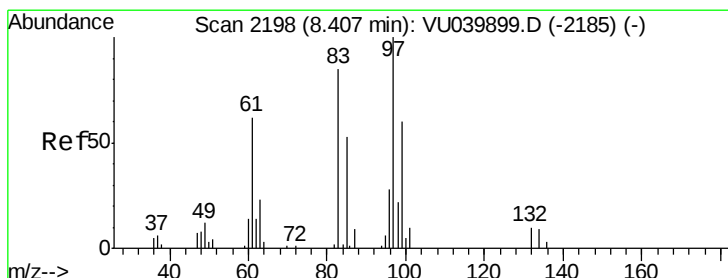
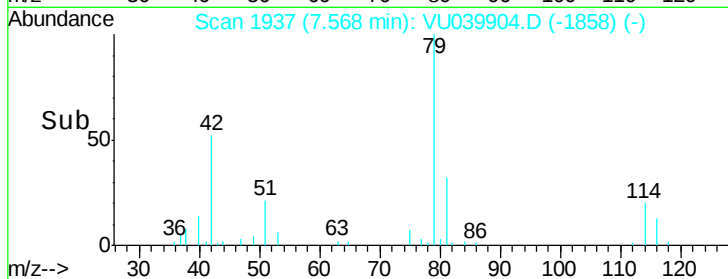
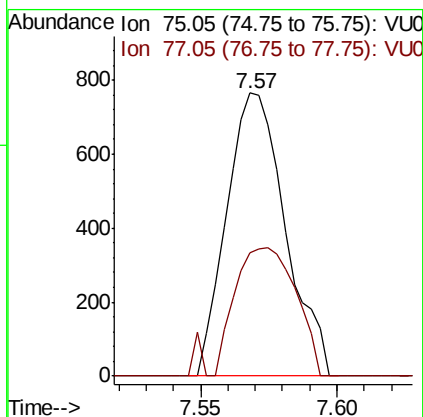
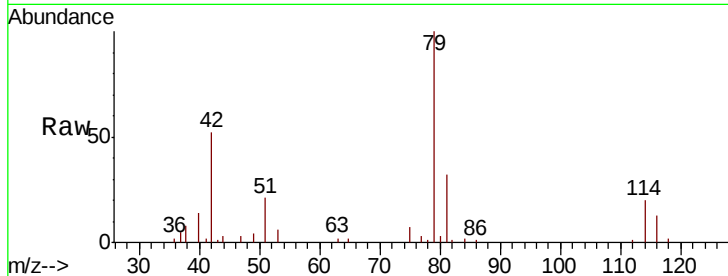




#39
 cis-1,3-Dichloropropene
 Concen: 0.109 ug/L
 RT: 7.57 min Scan# 1937
 Delta R.T. -0.05 min
 Lab File: VU039904.D
 Acq: 19 Aug 2020 13:39

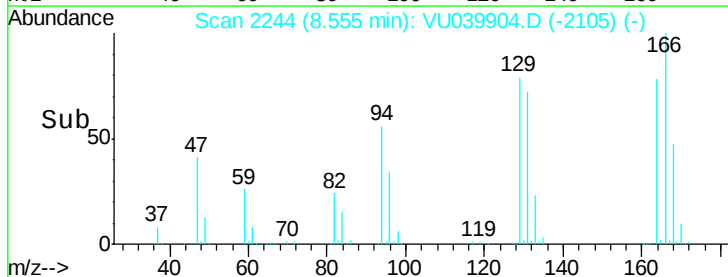
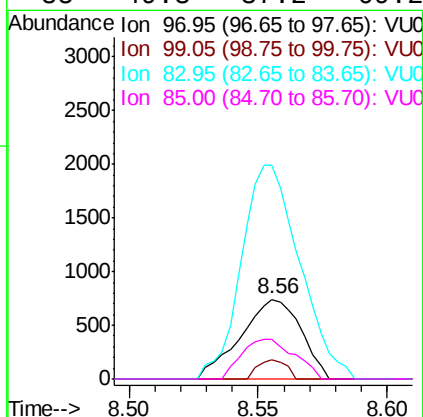
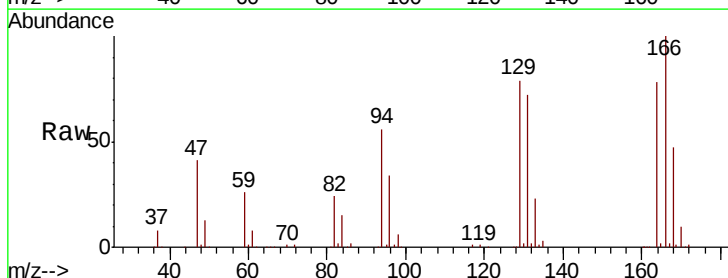
Instrument :
 MSVOA_U
 ClientSampleId :
 JLTx0

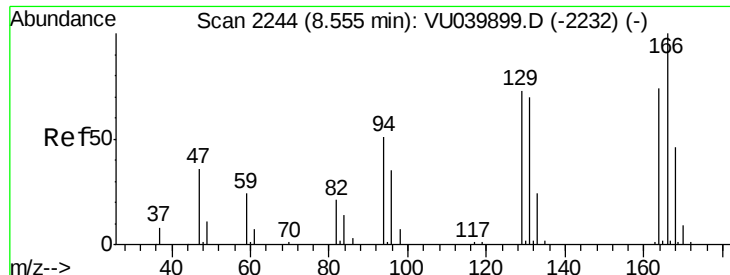
Tot Ion: 75 Resp: 1144
 Ion Ratio Lower Upper
 75 100
 77 43.4 22.6 42.0#



#45
 1,1,2-Trichloroethane
 Concen: 0.212 ug/L
 RT: 8.56 min Scan# 2244
 Delta R.T. 0.15 min
 Lab File: VU039904.D
 Acq: 19 Aug 2020 13:39

Tgt Ion: 97 Resp: 1207
 Ion Ratio Lower Upper
 97 100
 99 23.7 42.1 78.3#
 83 267.8 59.3 110.1#
 85 49.3 37.2 69.2

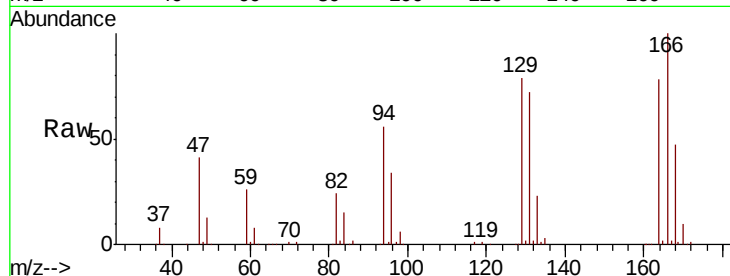




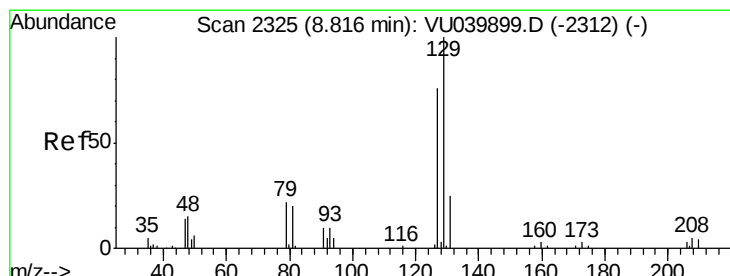
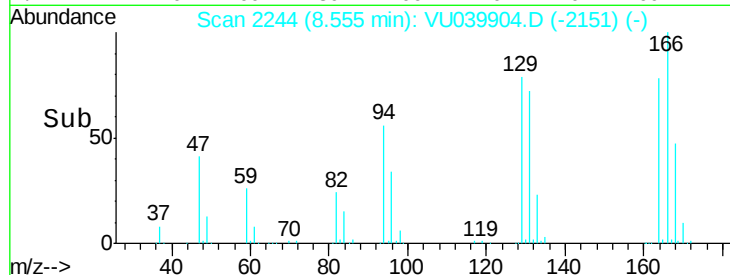
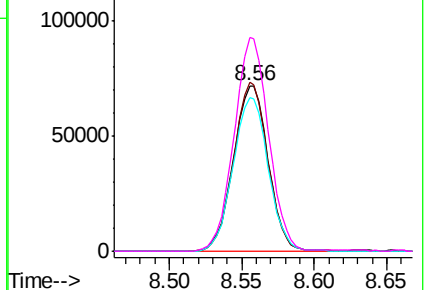
#47
Tetrachloroethene
Concen: 22.199 ug/L
RT: 8.56 min Scan# 2244
Delta R.T. -0.00 min
Lab File: VU039904.D
Acq: 19 Aug 2020 13:39

Instrument :
MSVOA_U
ClientSampleId :
JLTX0

Tot Ion	Ratio	Lower	Upper
164	100		
129	102.0	69.1	128.3
131	92.8	66.0	122.6
166	128.8	94.0	174.6

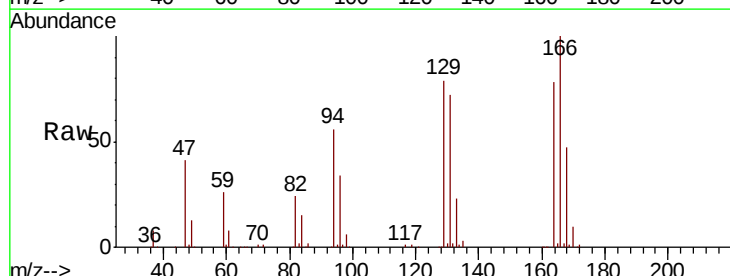


Abundance Ion 163.90 (163.60 to 164.60): V
Ion 128.95 (128.65 to 129.65): V
Ion 130.95 (130.65 to 131.65): V
Ion 165.90 (165.60 to 166.60): V

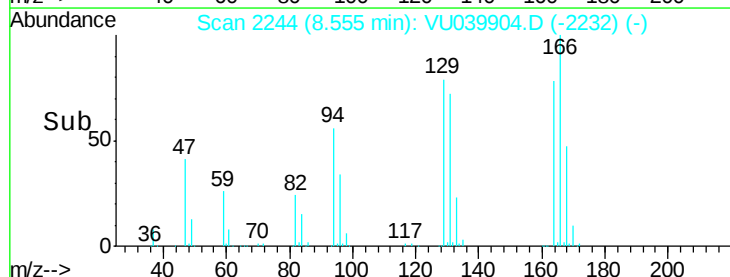
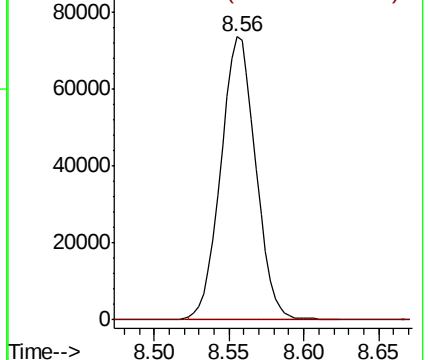


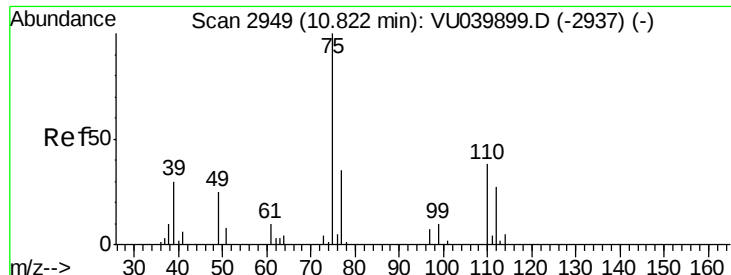
#49
Dibromochloromethane
Concen: 17.445 ug/L
RT: 8.56 min Scan# 2244
Delta R.T. -0.26 min
Lab File: VU039904.D
Acq: 19 Aug 2020 13:39

Tgt Ion	Ratio	Lower	Upper
129	100		
127	0.3	53.1	98.7#



Abundance Ion 128.95 (128.65 to 129.65): V
Ion 126.90 (126.60 to 127.60): V





#59

1,2,3-Trichloropropane

Concen: 0.988 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU039904.D

Acq: 19 Aug 2020 13:39

Instrument :

MSVOA_U

ClientSampleId :

JLTX0

Tot Ion: 75 Resp: 5306

Ion Ratio Lower Upper

75 100

77 39.7 27.4 41.2

