

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072220\
 Data File : VU039623.D
 Acq On : 22 Jul 2020 12:05
 Operator : SY/MD
 Sample : L3346-03RE
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F4C14RE

Quant Time: Jul 23 01:30:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR072120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jul 23 01:28:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.27	114	98409	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	92341	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	44688	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	0.00	65	0	0.00	ug/L	
Spiked Amount	5.000	Range	40 - 130	Recovery	=	0.00%#
7) Chloroethane-d5	1.92	69	28695	5.76	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	115.20%
11) 1,1-Dichloroethene-d2	2.58	63	17596	1.71	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	34.20%#
20) 2-Butanone-d5	4.66	46	113399	55.04	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.08%
24) Chloroform-d	5.09	84	64924	5.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	112.20%
26) 1,2-Dichloroethane-d4	5.72	65	40906	5.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.00%
32) Benzene-d6	5.75	84	123385	5.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.20%
36) 1,2-Dichloropropane-d6	6.71	67	38830	5.31	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.20%
41) Toluene-d8	7.91	98	11486	0.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	11.00%#
43) trans-1,3-Dichloropropene-	8.19	79	4902	1.54	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	30.80%#
46) 2-Hexanone-d5	8.64	63	80591	51.88	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.76%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	34082	5.02	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	42672	5.31	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.20%

Target Compounds

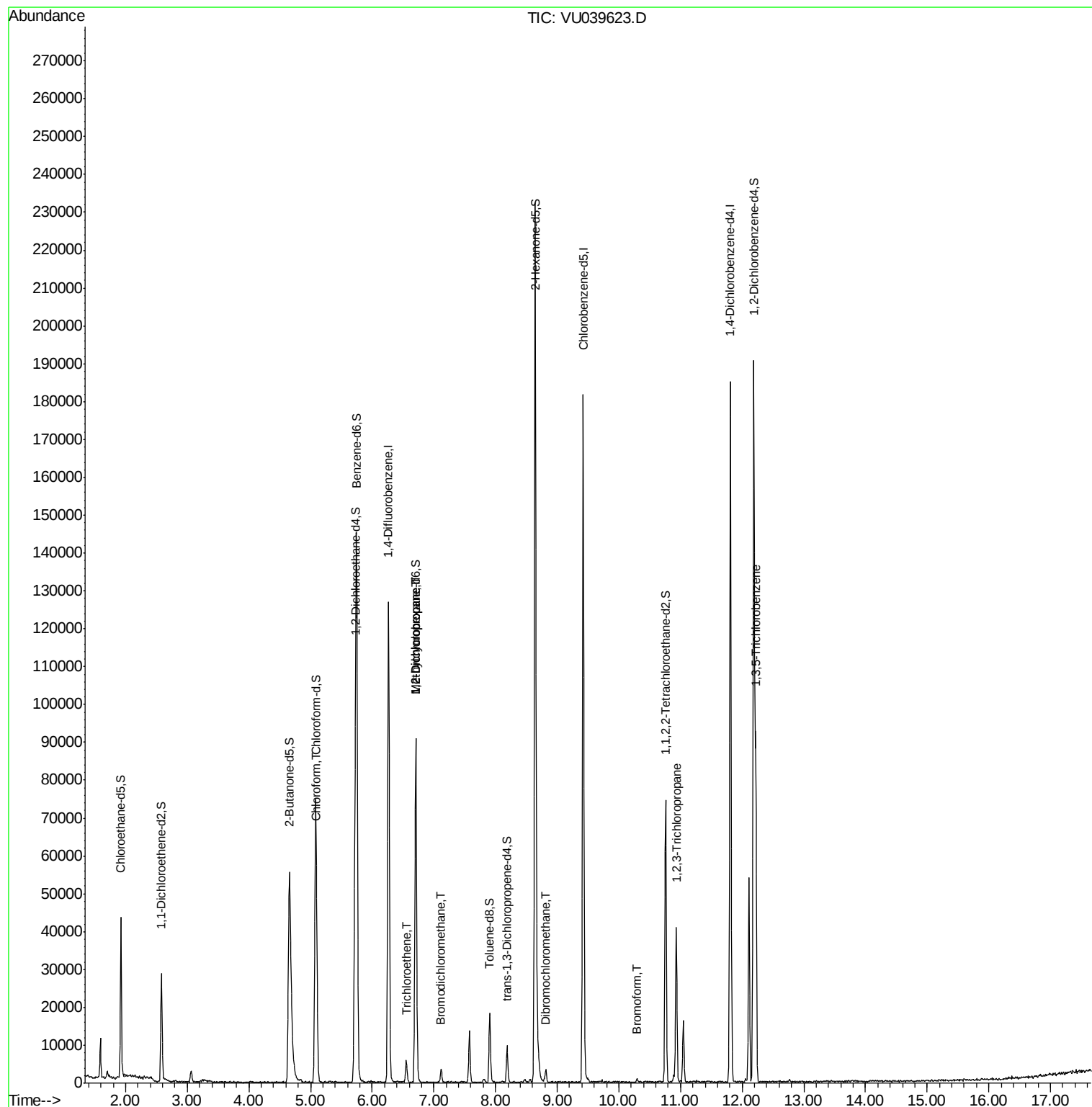
					Ovalue
25) Chloroform	5.11	83	3480	0.288 ug/L	91
34) Trichloroethene	6.56	95	1570	0.257 ug/L	94
35) Methylcyclohexane	6.71	83	9175	1.022 ug/L #	18
37) 1,2-Dichloropropane	6.70	63	4952	0.802 ug/L #	90
38) Bromodichloromethane	7.12	83	2391	0.294 ug/L #	89
49) Dibromochloromethane	8.82	129	1812	0.318 ug/L	93
59) 1,2,3-Trichloropropane	10.93	75	653	0.144 ug/L	96
61) Bromoform	10.30	173	481	0.152 ug/L #	68
67) 1,3,5-Trichlorobenzene	12.22	180	1076	0.123 ug/L #	18

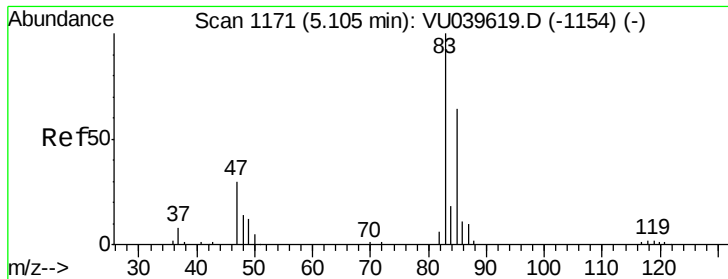
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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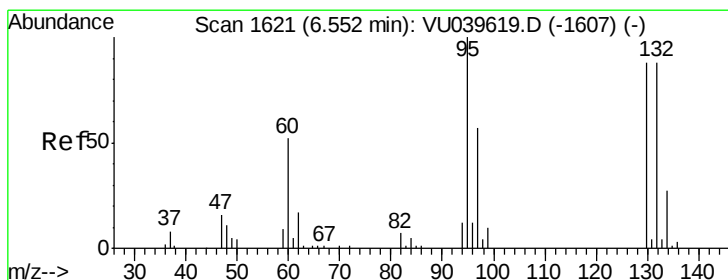
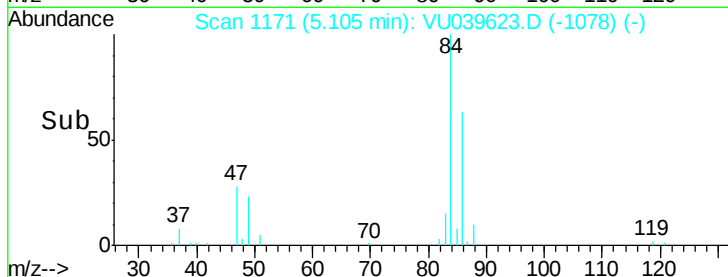
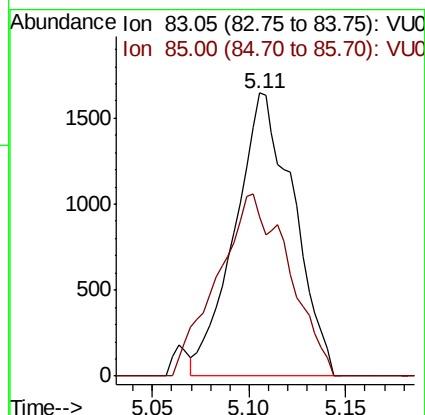
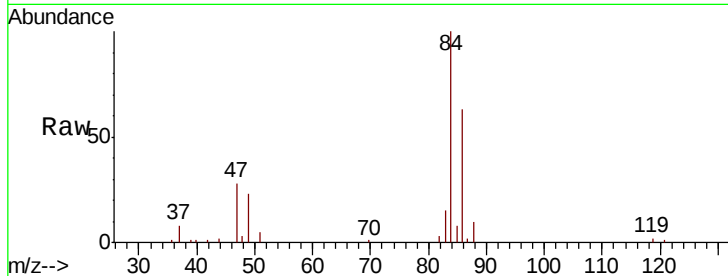




#25
Chloroform
Concen: 0.288 ug/L
RT: 5.11 min Scan# 1171
Delta R.T. 0.00 min
Lab File: VU039623.D
Acq: 22 Jul 2020 12:05

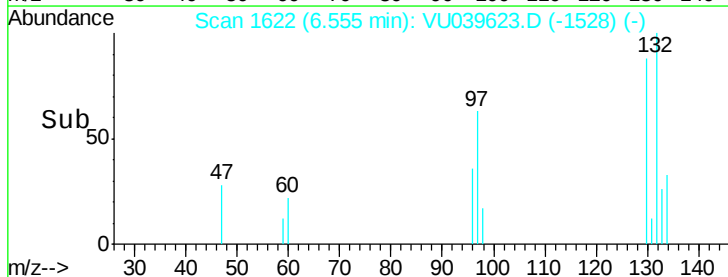
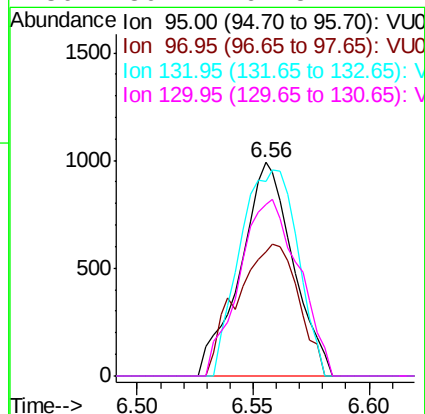
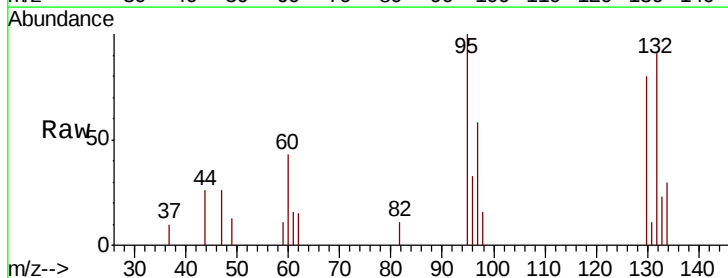
Instrument :
MSVOA_U
ClientSampleId :
F4C14RE

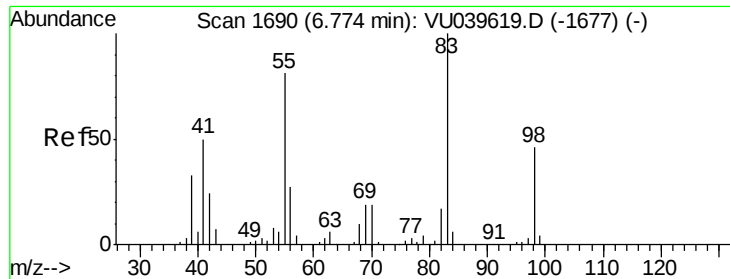
Tot Ion: 83 Resp: 3480
Ion Ratio Lower Upper
83 100
85 56.4 44.4 82.5



#34
Trichloroethene
Concen: 0.257 ug/L
RT: 6.56 min Scan# 1622
Delta R.T. 0.00 min
Lab File: VU039623.D
Acq: 22 Jul 2020 12:05

Tgt Ion: 95 Resp: 1570
Ion Ratio Lower Upper
95 100
97 57.9 44.9 83.3
132 91.3 62.8 116.6
130 80.4 61.5 114.1

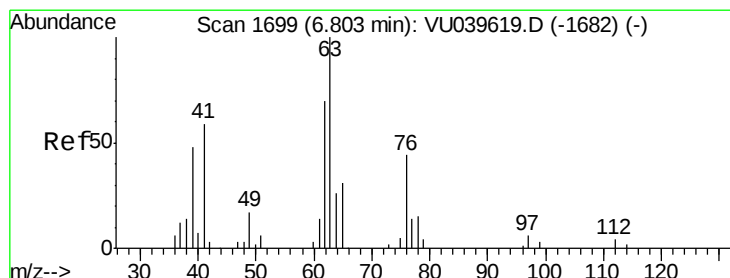
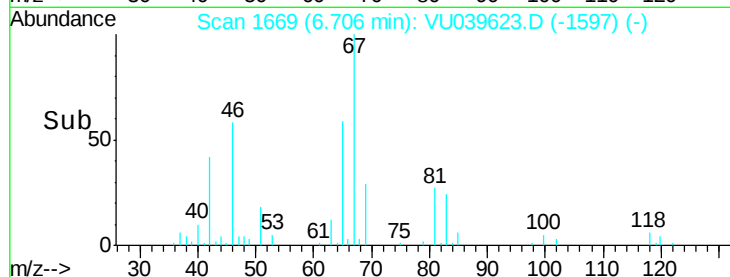
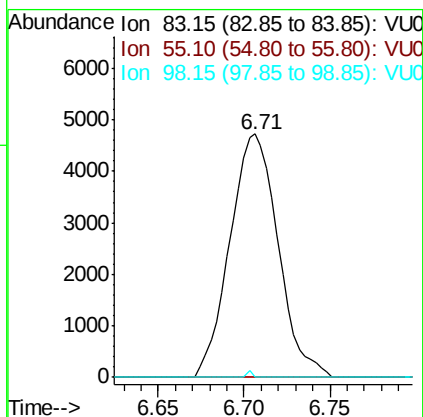
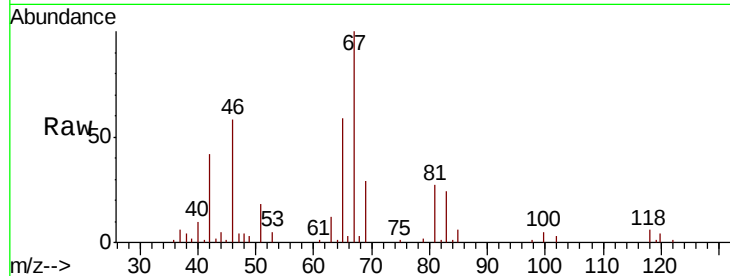




#35
Methvlcvclohexane
Concen: 1.022 ug/L
RT: 6.71 min Scan# 1669
Delta R.T. -0.07 min
Lab File: VU039623.D
Acq: 22 Jul 2020 12:05

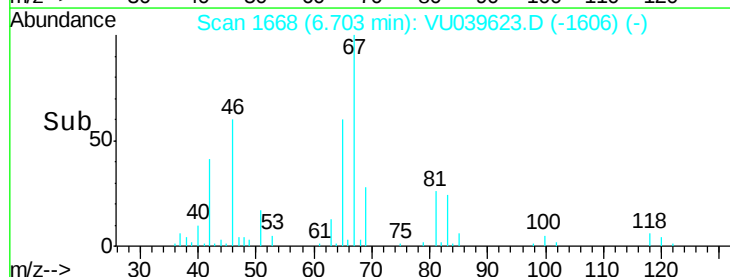
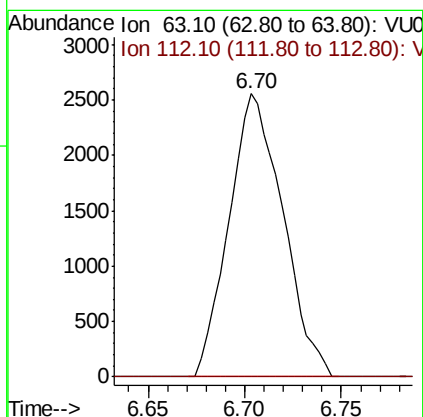
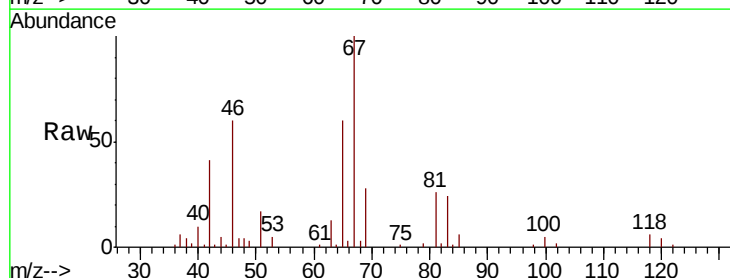
Instrument :
MSVOA_U
ClientSampleId :
F4C14RE

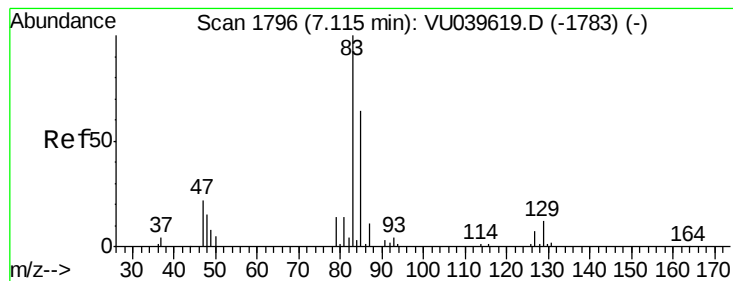
Tot Ion: 83 Resp: 9175
Ion Ratio Lower Upper
83 100
55 0.0 63.0 94.6#
98 0.3 35.3 52.9#



#37
1,2-Dichloropropane
Concen: 0.802 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU039623.D
Acq: 22 Jul 2020 12:05

Tgt Ion: 63 Resp: 4952
Ion Ratio Lower Upper
63 100
112 0.0 2.7 4.1#





#38

Bromodichloromethane

Concen: 0.294 ug/L

RT: 7.12 min Scan# 1798

Delta R.T. 0.01 min

Lab File: VU039623.D

Acq: 22 Jul 2020 12:05

Instrument :

MSVOA_U

ClientSampleId :

F4C14RE

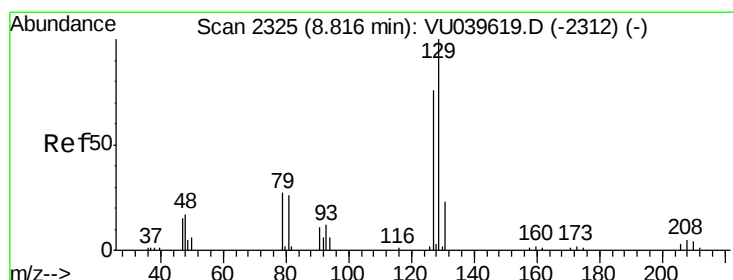
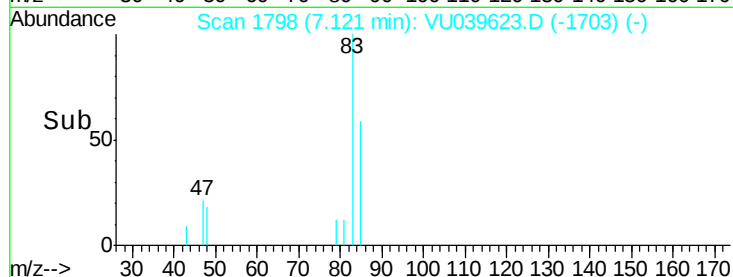
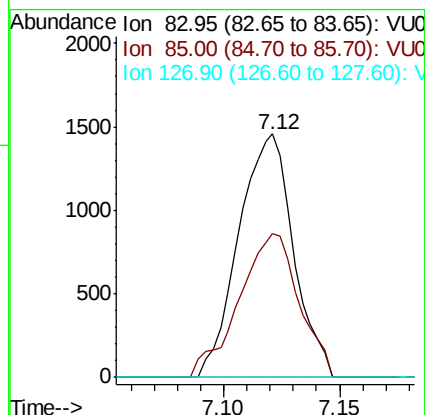
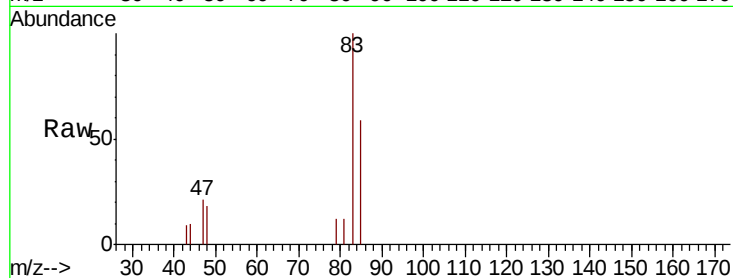
Tot Ion: 83 Resp: 2391

Ion Ratio Lower Upper

83 100

85 59.0 46.6 86.6

127 0.0 7.0 10.6#



#49

Dibromochloromethane

Concen: 0.318 ug/L

RT: 8.82 min Scan# 2325

Delta R.T. 0.00 min

Lab File: VU039623.D

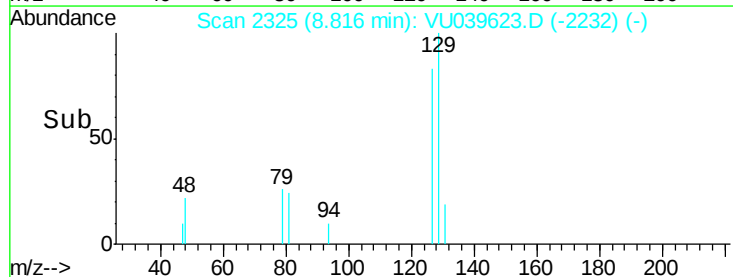
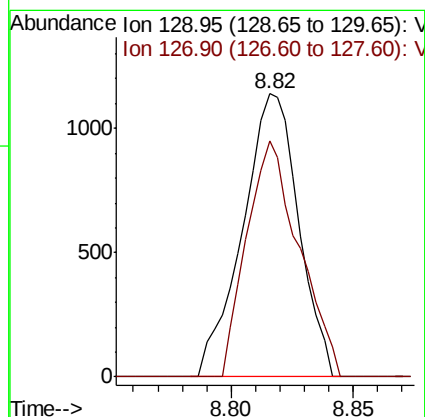
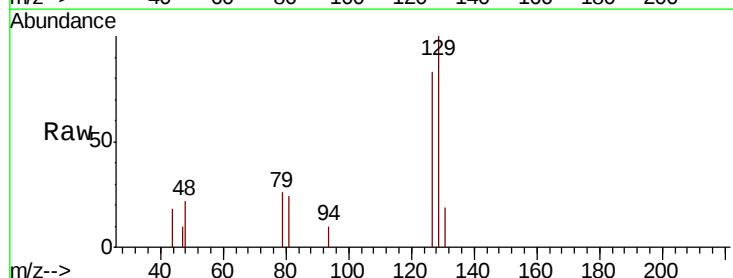
Acq: 22 Jul 2020 12:05

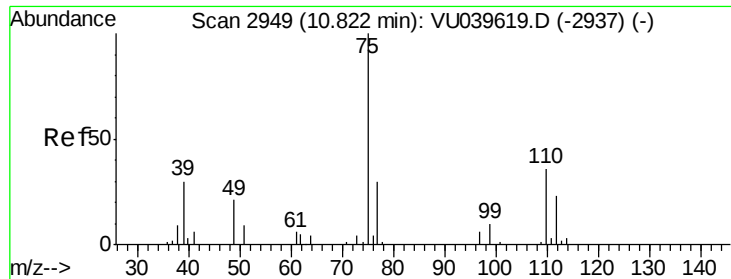
Tgt Ion: 129 Resp: 1812

Ion Ratio Lower Upper

129 100

127 83.2 53.8 99.8





#59

1,2,3-Trichloropropane

Concen: 0.144 ug/L

RT: 10.93 min Scan# 2984

Delta R.T. 0.11 min

Lab File: VU039623.D

Acq: 22 Jul 2020 12:05

Instrument :

MSVOA_U

ClientSampleId :

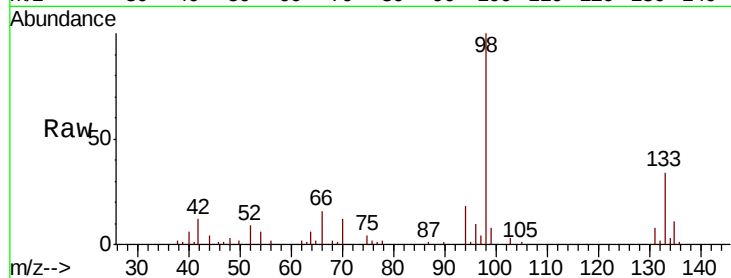
F4C14RE

Tot Ion: 75 Resp: 653

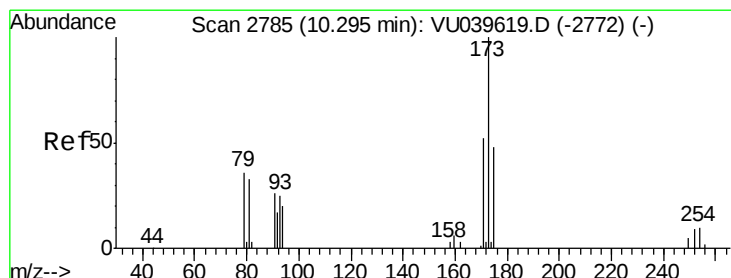
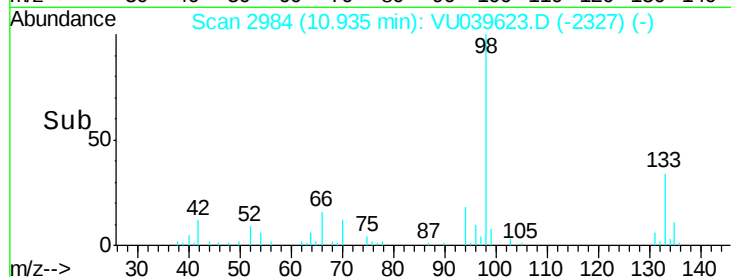
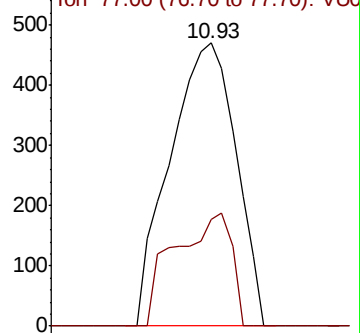
Ion Ratio Lower Upper

75 100

77 34.2 25.5 38.3



Abundance Ion 75.00 (74.70 to 75.70): VU039619.D (-2937) (-)



#61

Bromoform

Concen: 0.152 ug/L

RT: 10.30 min Scan# 2786

Delta R.T. 0.00 min

Lab File: VU039623.D

Acq: 22 Jul 2020 12:05

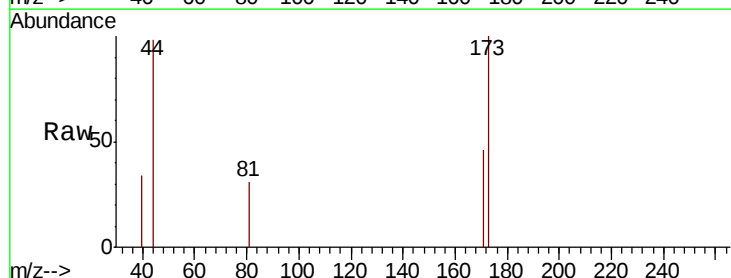
Tgt Ion: 173 Resp: 481

Ion Ratio Lower Upper

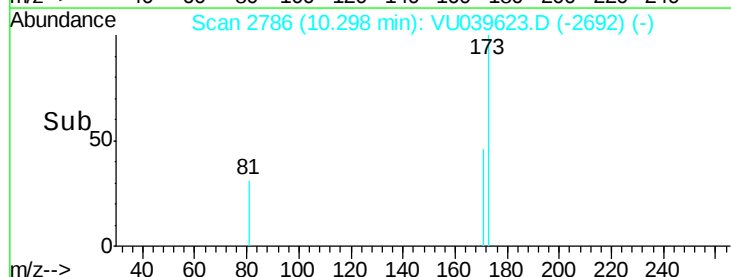
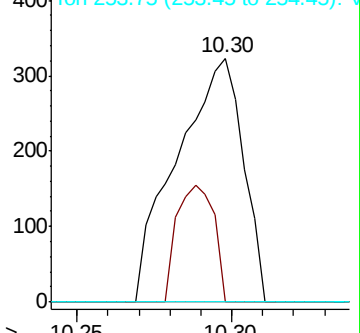
173 100

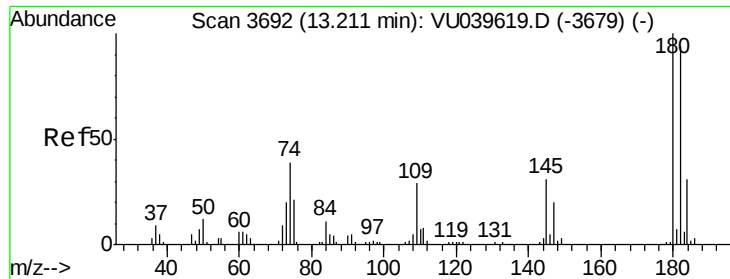
175 26.6 39.9 59.9#

254 0.0 6.5 9.7#



Abundance Ion 172.90 (172.60 to 173.60): VU039619.D (-2772) (-)





#67

1,3,5-Trichlorobenzene

Concen: 0.123 ug/L

RT: 12.22 min Scan# 3383

Delta R.T. -0.99 min

Lab File: VU039623.D

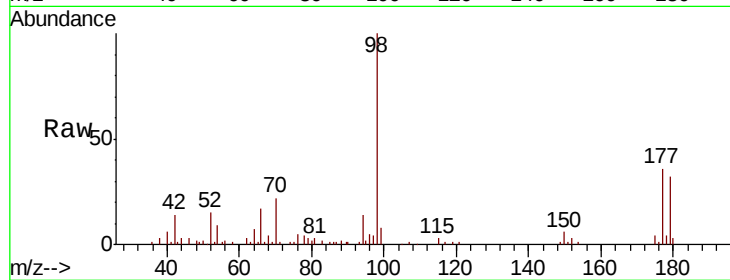
Acq: 22 Jul 2020 12:05

Instrument :

MSVOA_U

ClientSampleId :

F4C14RE



Tot Ion:180 Resp: 1076

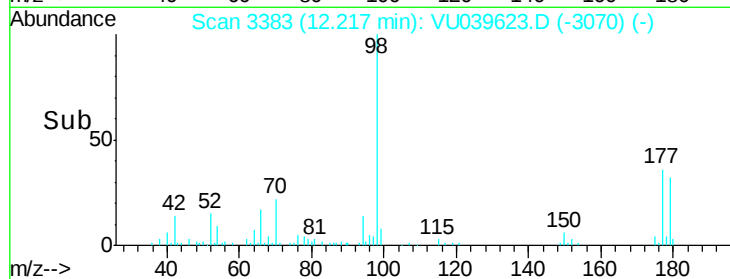
Ion Ratio Lower Upper

180 100

182 0.0 76.5 114.7#

184 0.0 24.8 37.2#

145 0.0 23.8 35.8#



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 184.00 (183.70 to 184.70): V

Ion 145.00 (144.70 to 145.70): V

