

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071620\
 Data File : VU039535.D
 Acq On : 16 Jul 2020 19:33
 Operator : SY/MD
 Sample : L3292-18 20X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 17 01:12:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jul 17 01:06:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	91595	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	86541	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	40308	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	18180	3.43	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	68.60%
7) Chloroethane-d5	1.92	69	27498	5.06	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.20%
11) 1,1-Dichloroethene-d2	2.58	63	30627	2.93	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.60%#
20) 2-Butanone-d5	4.65	46	106291	43.76	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.52%
24) Chloroform-d	5.09	84	48469	4.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.80%
26) 1,2-Dichloroethane-d4	5.72	65	31352	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.40%
32) Benzene-d6	5.75	84	92483	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.80%
36) 1,2-Dichloropropane-d6	6.71	67	32756	4.47	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.40%
41) Toluene-d8	7.91	98	80374	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.00%
43) trans-1,3-Dichloropropene-	8.19	79	11870	3.67	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.40%
46) 2-Hexanone-d5	8.64	63	72826	37.98	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	75.96%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	28732	3.96	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	79.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	32384	4.50	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.00%

Target Compounds

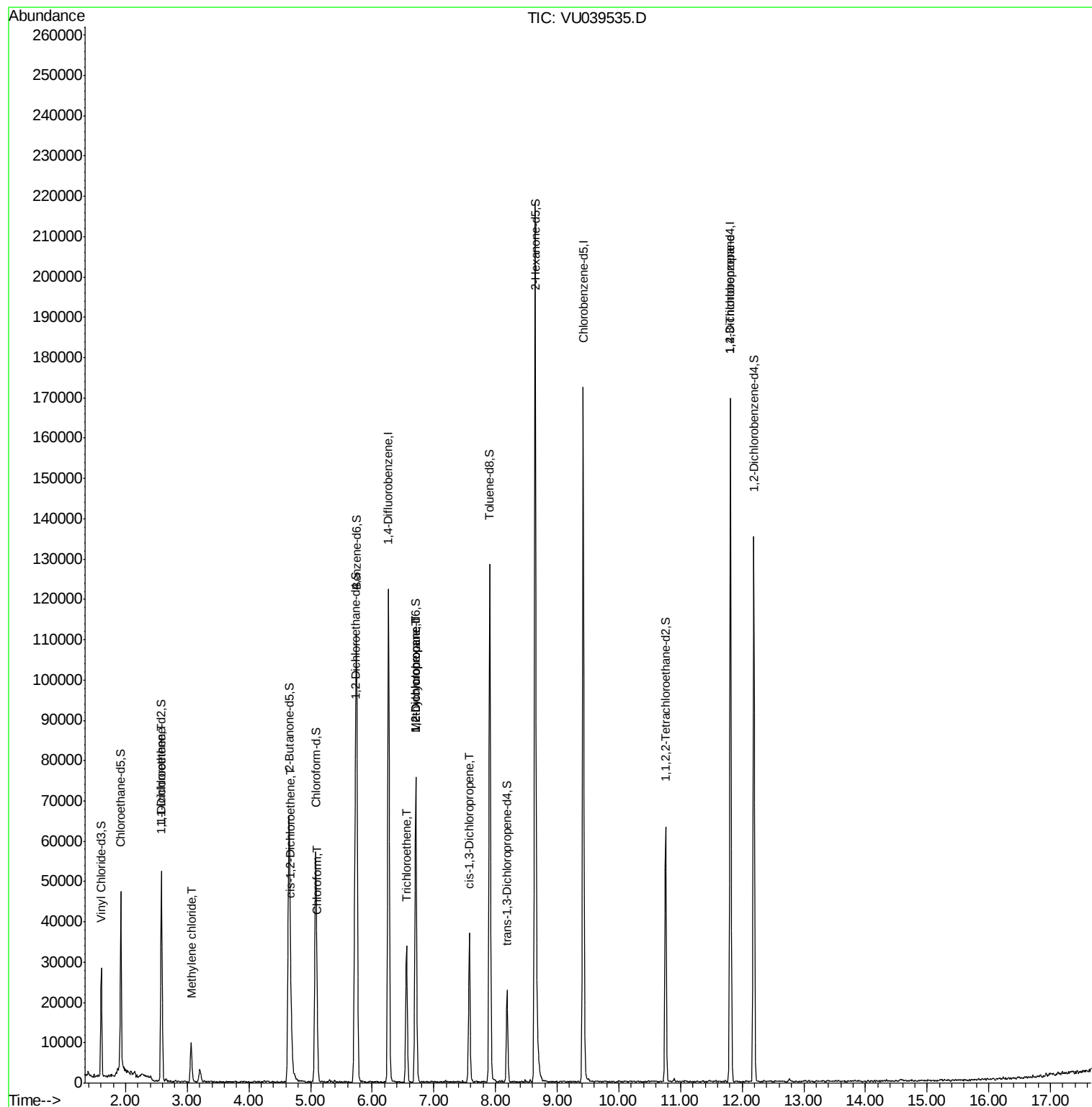
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.59	96	484	0.089	ug/L #	1
16) Methylene chloride	3.06	84	3985	0.582	ug/L	97
22) cis-1,2-Dichloroethene	4.68	96	1701	0.252	ug/L	90
25) Chloroform	5.11	83	4359	0.366	ug/L	90
34) Trichloroethene	6.56	95	10773	1.611	ug/L	96
35) Methylcyclohexane	6.71	83	7410	0.691	ug/L #	20
37) 1,2-Dichloropropane	6.71	63	4147	0.588	ug/L #	91
39) cis-1,3-Dichloropropene	7.57	75	1022	0.096	ug/L #	78
59) 1,2,3-Trichloropropane	11.81	75	6322	1.216	ug/L	89

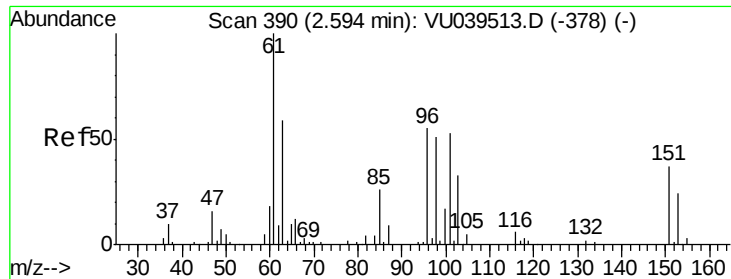
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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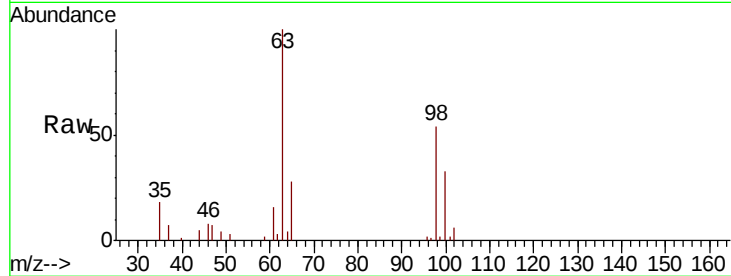




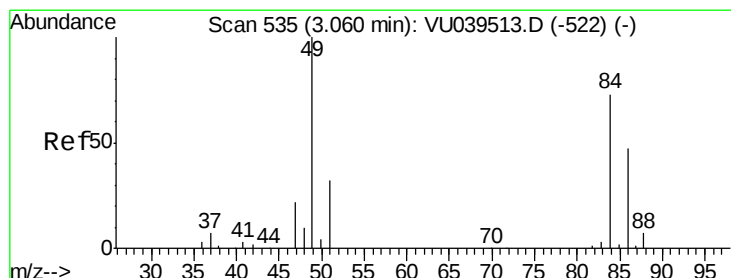
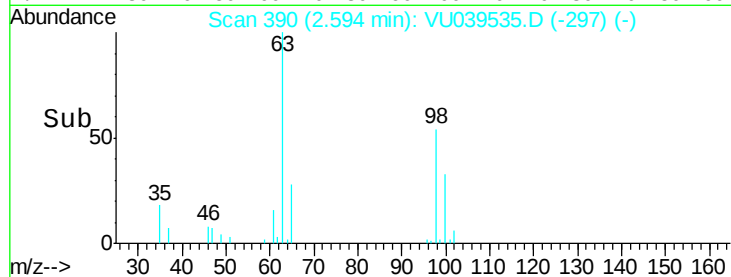
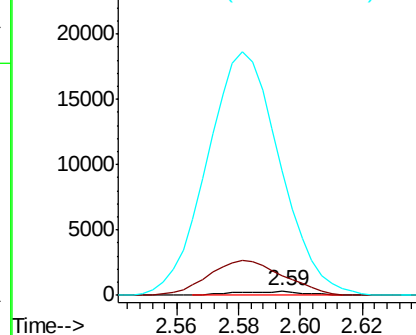
#12
 1,1-Dichloroethene
 Concen: 0.089 ug/L
 RT: 2.59 min Scan# 390
 Delta R.T. -0.00 min
 Lab File: VU039535.D
 Acq: 16 Jul 2020 19:33

Instrument :
 MSVOA_U
 ClientSampled :

Tot Ion: 96 Resp: 484
 Ion Ratio Lower Upper
 96 100
 61 422.7 125.4 232.8#
 63 2605.2 92.7 172.3#

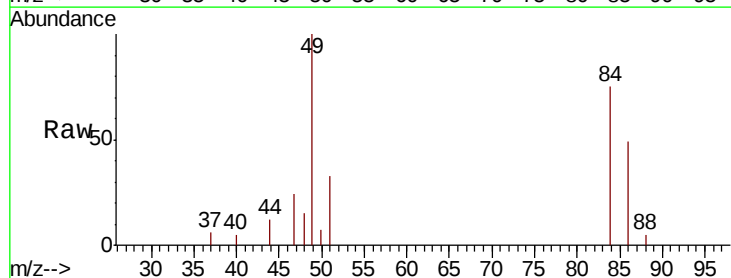


Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.05 (60.75 to 61.75): VU0
 Ion 63.00 (62.70 to 63.70): VU0

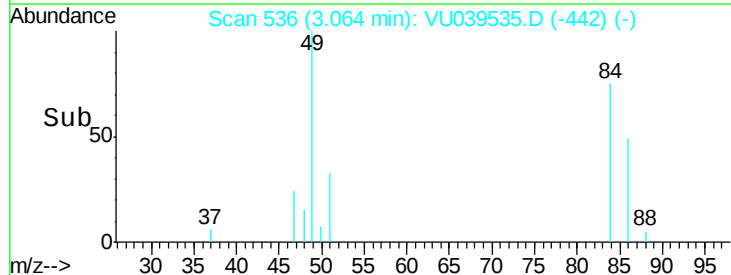
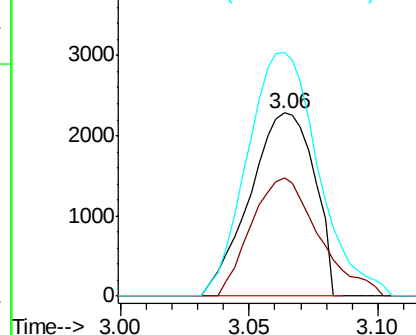


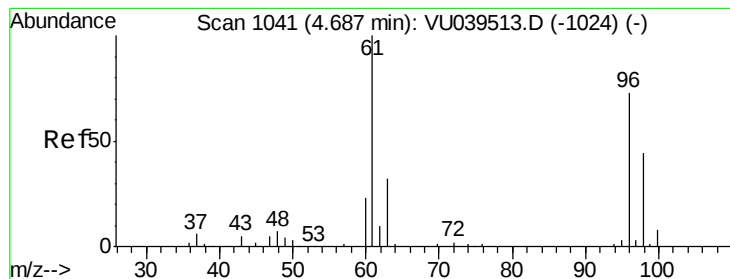
#16
 Methylene chloride
 Concen: 0.582 ug/L
 RT: 3.06 min Scan# 536
 Delta R.T. 0.00 min
 Lab File: VU039535.D
 Acq: 16 Jul 2020 19:33

Tgt Ion: 84 Resp: 3985
 Ion Ratio Lower Upper
 84 100
 86 64.9 43.5 80.9
 49 133.0 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





#22

cis-1,2-Dichloroethene

Concen: 0.252 ug/L

RT: 4.68 min Scan# 1040

Delta R.T. -0.00 min

Lab File: VU039535.D

Acq: 16 Jul 2020 19:33

Instrument :

MSVOA_U

ClientSampleId :

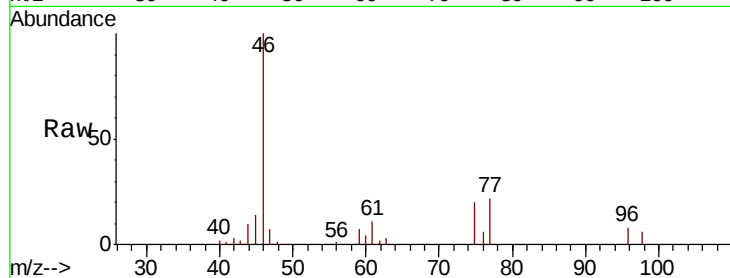
Tot Ion: 96 Resp: 1701

Ion Ratio Lower Upper

96 100

61 144.4 92.8 172.4

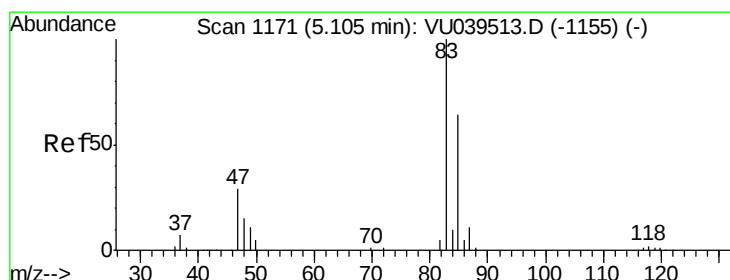
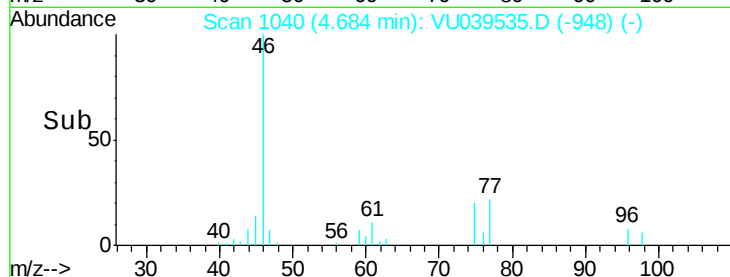
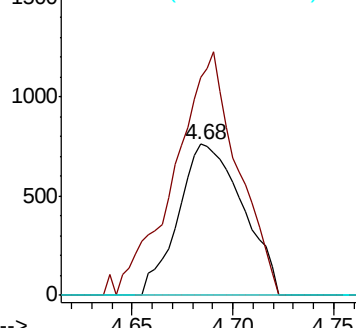
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 68.15 (67.85 to 68.85): VU0



#25

Chloroform

Concen: 0.366 ug/L

RT: 5.11 min Scan# 1173

Delta R.T. 0.01 min

Lab File: VU039535.D

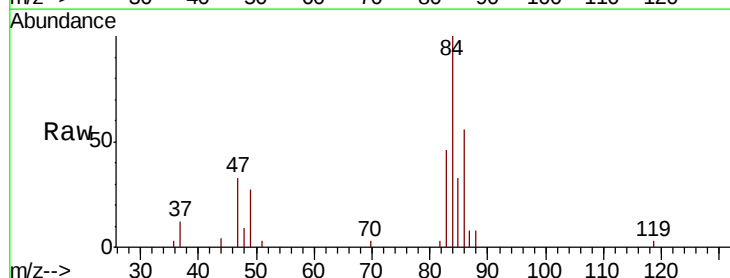
Acq: 16 Jul 2020 19:33

Tgt Ion: 83 Resp: 4359

Ion Ratio Lower Upper

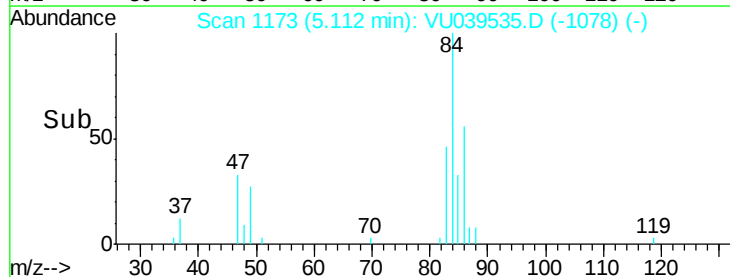
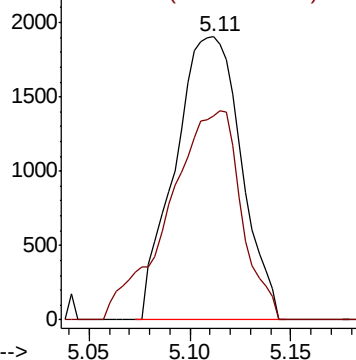
83 100

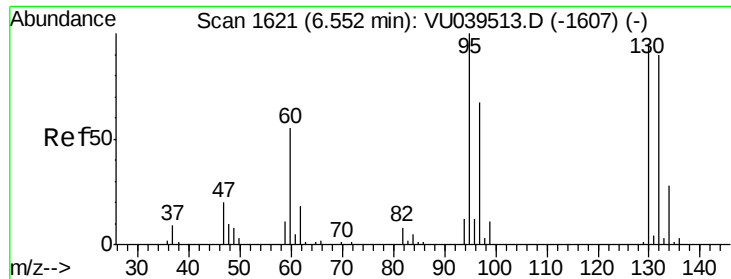
85 72.0 44.9 83.5



Abundance Ion 83.05 (82.75 to 83.75): VU0

Ion 85.00 (84.70 to 85.70): VU0

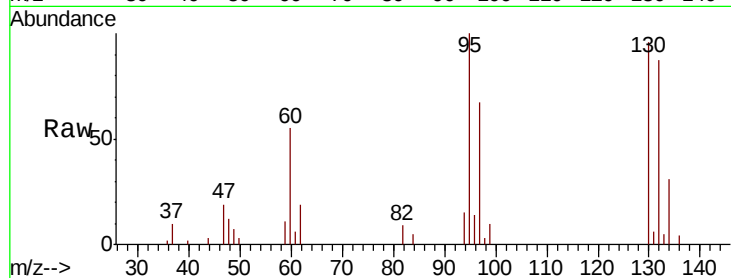




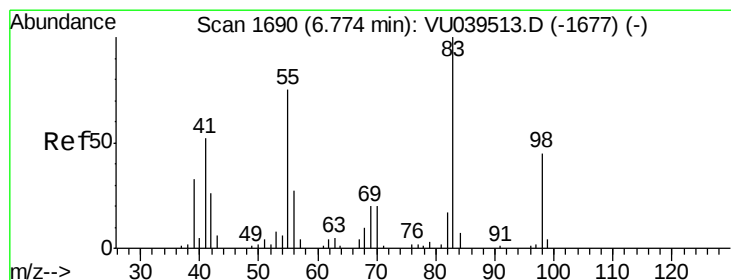
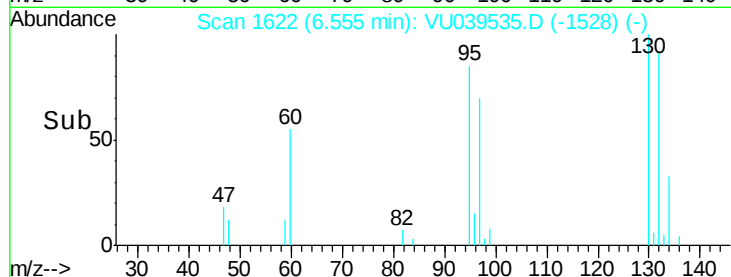
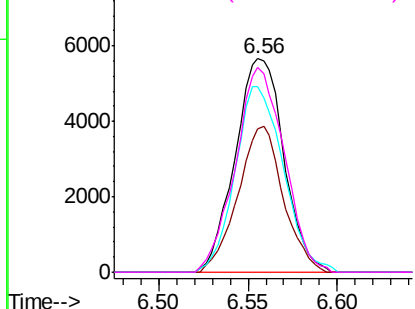
#34
 Trichloroethene
 Concen: 1.611 ug/L
 RT: 6.56 min Scan# 1622
 Delta R.T. 0.00 min
 Lab File: VU039535.D
 Acq: 16 Jul 2020 19:33

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 95 Resp: 10773
 Ion Ratio Lower Upper
 95 100
 97 67.2 46.3 85.9
 132 86.8 64.0 118.8
 130 95.7 64.3 119.5

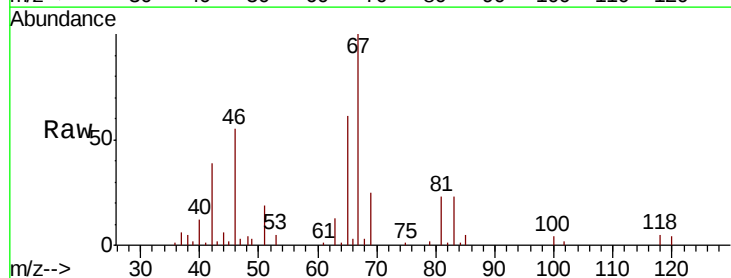


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 96.95 (96.65 to 97.65): VU0
 Ion 131.95 (131.65 to 132.65): V
 Ion 129.95 (129.65 to 130.65): V

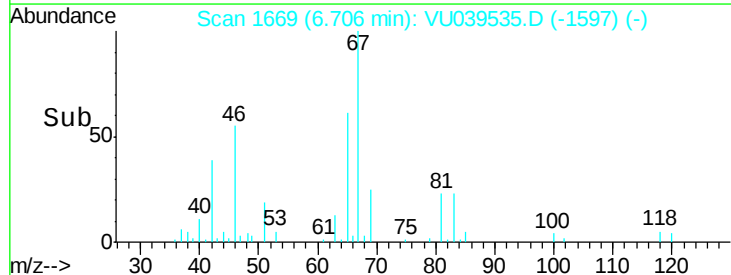
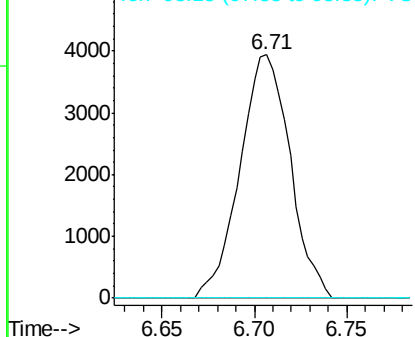


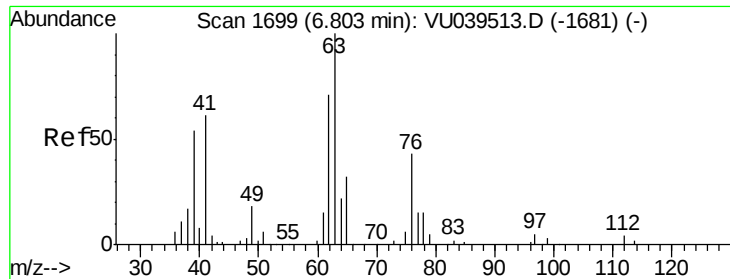
#35
 Methylcyclohexane
 Concen: 0.691 ug/L
 RT: 6.71 min Scan# 1669
 Delta R.T. -0.07 min
 Lab File: VU039535.D
 Acq: 16 Jul 2020 19:33

Tgt Ion: 83 Resp: 7410
 Ion Ratio Lower Upper
 83 100
 55 0.0 62.1 93.1#
 98 4.0 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

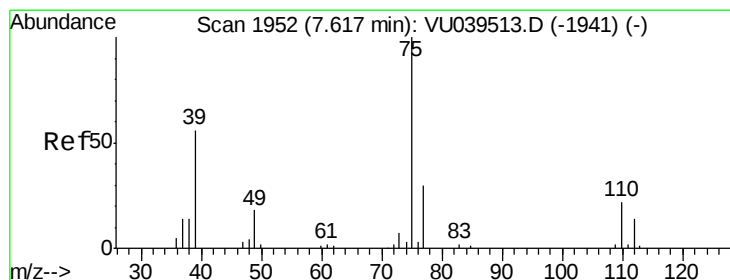
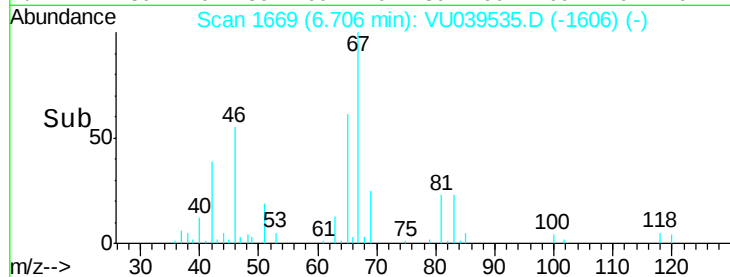
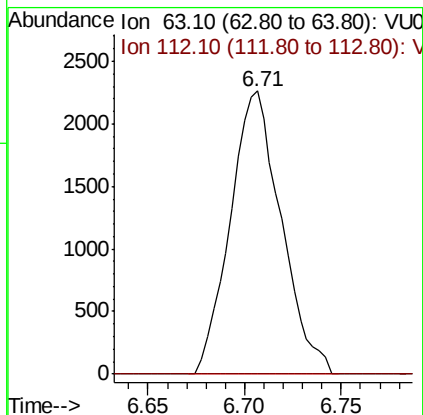
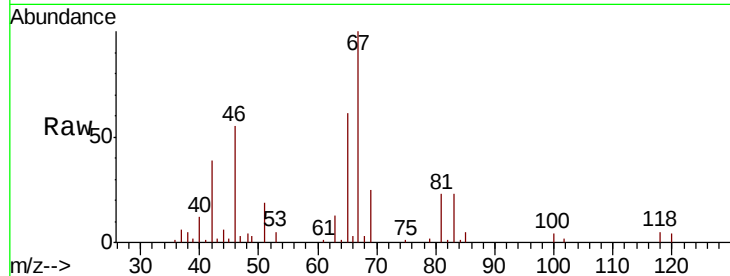




#37
 1,2-Dichloropropane
 Concen: 0.588 ug/L
 RT: 6.71 min Scan# 1669
 Delta R.T. -0.10 min
 Lab File: VU039535.D
 Acq: 16 Jul 2020 19:33

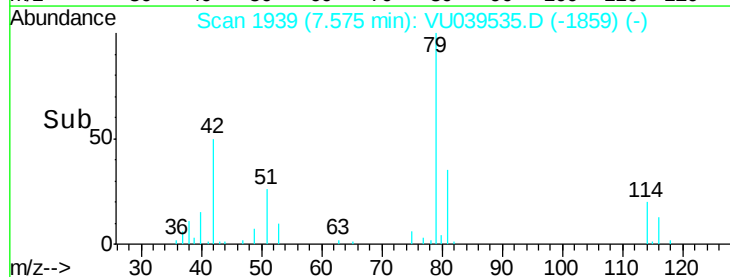
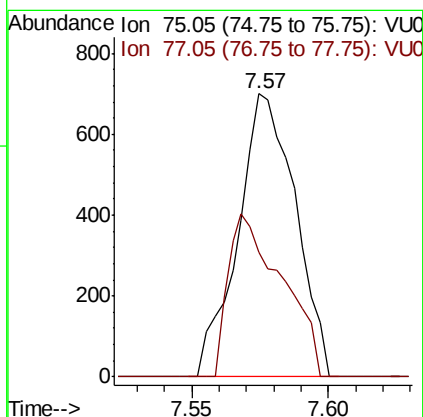
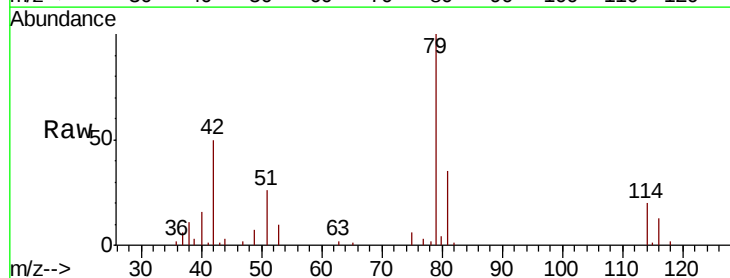
Instrument :
 MSVOA_U
 ClientSampled :

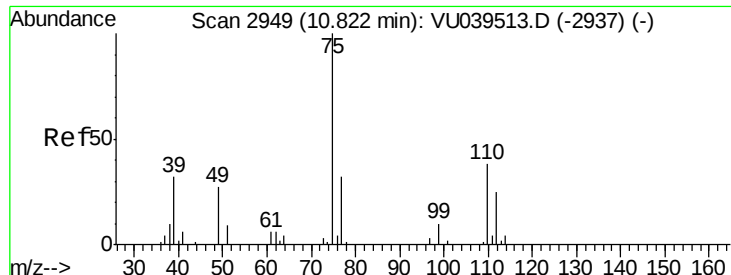
Tot Ion: 63 Resp: 4147
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.5 3.7#



#39
 cis-1,3-Dichloropropene
 Concen: 0.096 ug/L
 RT: 7.57 min Scan# 1939
 Delta R.T. -0.04 min
 Lab File: VU039535.D
 Acq: 16 Jul 2020 19:33

Tgt Ion: 75 Resp: 1022
 Ion Ratio Lower Upper
 75 100
 77 44.0 22.3 41.3#





#59

1,2,3-Trichloropropane

Concen: 1.216 ug/L

RT: 11.81 min Scan# 3256

Delta R.T. 0.99 min

Lab File: VU039535.D

Acq: 16 Jul 2020 19:33

Instrument :

MSVOA_U

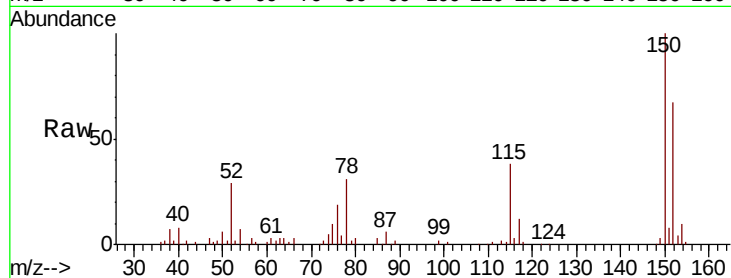
ClientSampleId :

Tot Ion: 75 Resp: 6322

Ion Ratio Lower Upper

75 100

77 39.5 26.8 40.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

