

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091420\
 Data File : VU040127.D
 Acq On : 14 Sep 2020 18:44
 Operator : SY/MD
 Sample : L4001-03
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 15 02:15:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Sep 15 01:48:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	106234	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	107869	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	48828	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	30956	5.34	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	106.80%
7) Chloroethane-d5	1.92	69	25530	5.28	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.60%
11) 1,1-Dichloroethene-d2	2.58	63	51777	3.48	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.60%
20) 2-Butanone-d5	4.66	46	111361	48.00	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.00%
24) Chloroform-d	5.08	84	61890	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.40%
26) 1,2-Dichloroethane-d4	5.72	65	38147	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.20%
32) Benzene-d6	5.74	84	115303	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.60%
36) 1,2-Dichloropropane-d6	6.70	67	37532	4.52	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.40%
41) Toluene-d8	7.91	98	95247	4.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.80%
43) trans-1,3-Dichloropropene-	8.19	79	14599	3.83	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.60%
46) 2-Hexanone-d5	8.64	63	77319	42.81	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.62%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	33634	4.69	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	37341	4.73	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.60%

Target Compounds

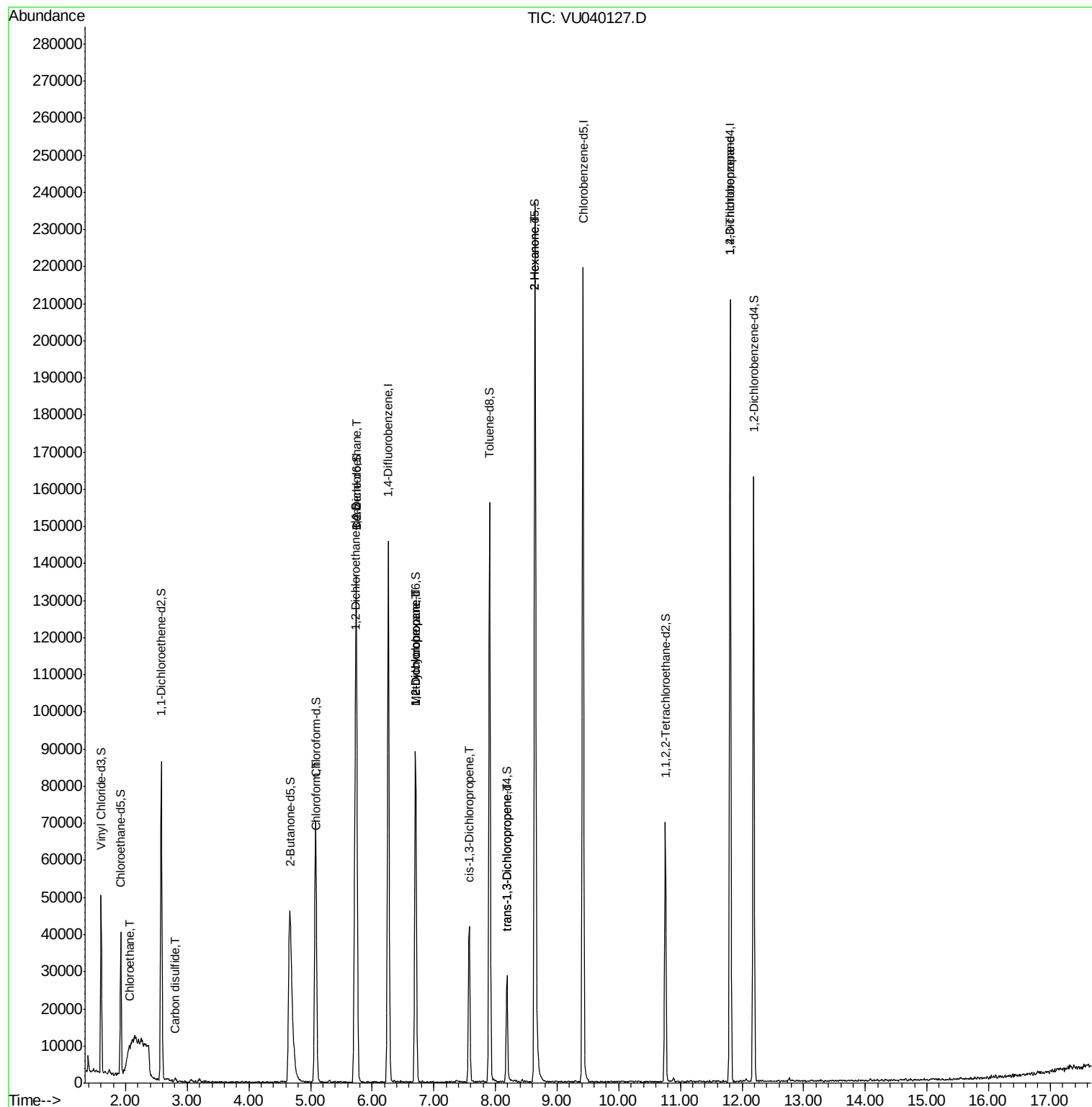
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
8) Chloroethane	2.06	64	14988	2.437	ug/L #	50
14) Carbon disulfide	2.81	76	1434	0.054	ug/L #	75
25) Chloroform	5.10	83	1165	0.062	ug/L #	60
27) 1,2-Dichloroethane	5.74	62	803	0.059	ug/L #	78
35) Methylcyclohexane	6.70	83	9468	0.597	ug/L #	14
37) 1,2-Dichloropropane	6.71	63	4804	0.460	ug/L #	88
39) cis-1,3-Dichloropropene	7.57	75	1216	0.079	ug/L #	50
44) trans-1,3-Dichloropropene	8.18	75	607	0.043	ug/L #	4
48) 2-Hexanone	8.64	43	11548	1.847	ug/L #	45
59) 1,2,3-Trichloropropane	11.81	75	6990	0.903	ug/L #	74

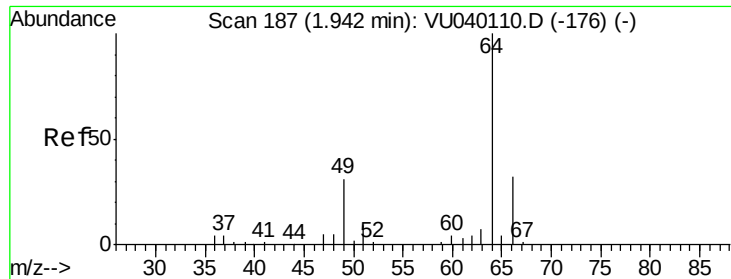
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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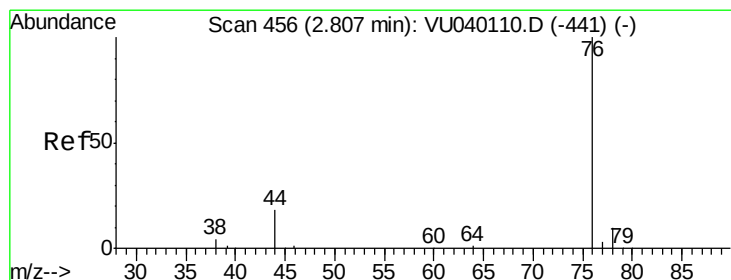
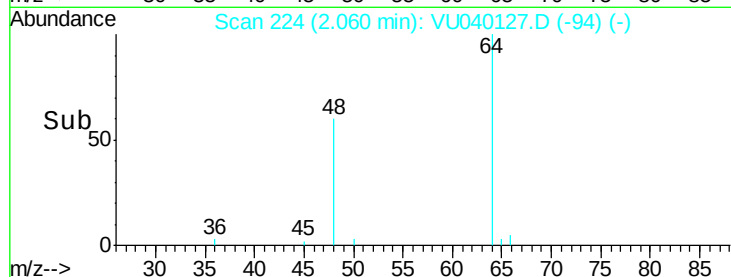
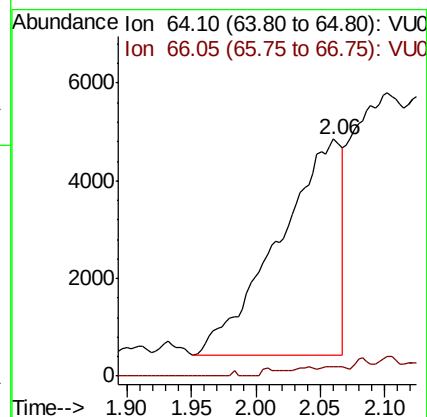
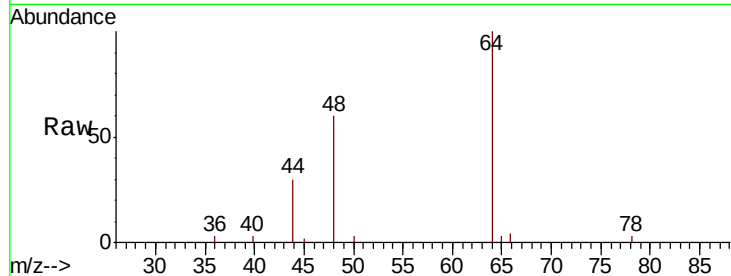




#8
 Chloroethane
 Concen: 2.437 ug/L
 RT: 2.06 min Scan# 224
 Delta R.T. 0.12 min
 Lab File: VU040127.D
 Acq: 14 Sep 2020 18:44

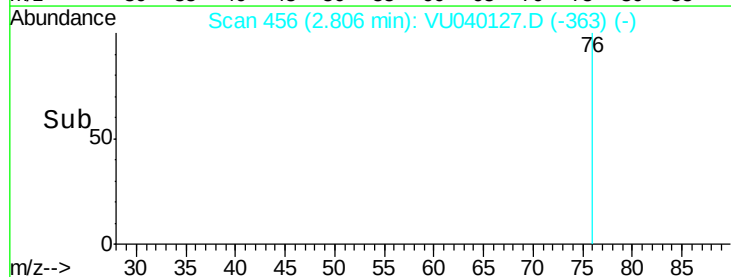
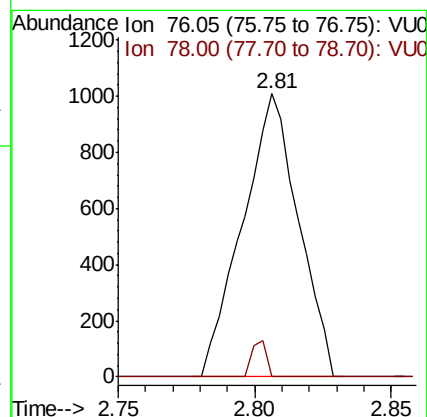
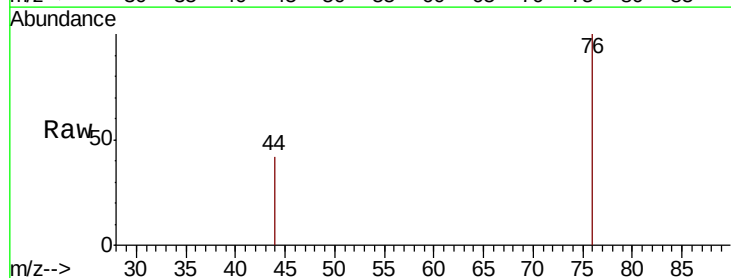
Instrument :
 MSVOA_U
 ClientSampled :

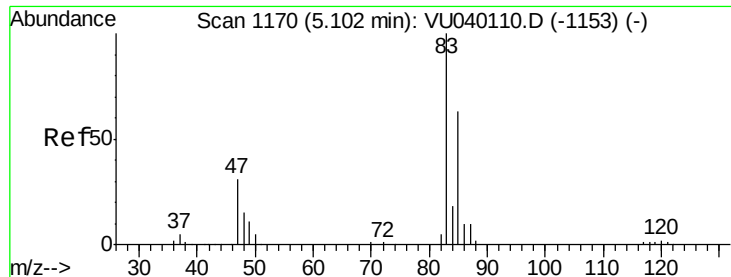
Tot Ion: 64 Resp: 14988
 Ion Ratio Lower Upper
 64 100
 66 4.2 22.7 42.1#



#14
 Carbon disulfide
 Concen: 0.054 ug/L
 RT: 2.81 min Scan# 456
 Delta R.T. -0.00 min
 Lab File: VU040127.D
 Acq: 14 Sep 2020 18:44

Tgt Ion: 76 Resp: 1434
 Ion Ratio Lower Upper
 76 100
 78 0.0 7.2 10.8#

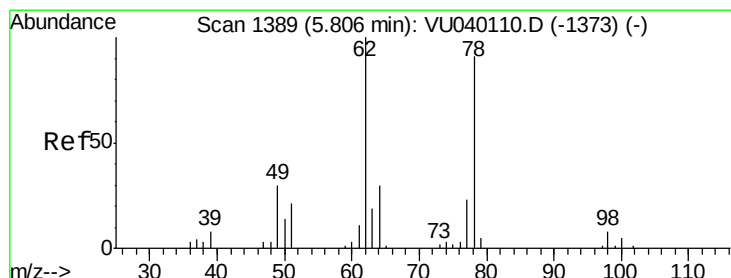
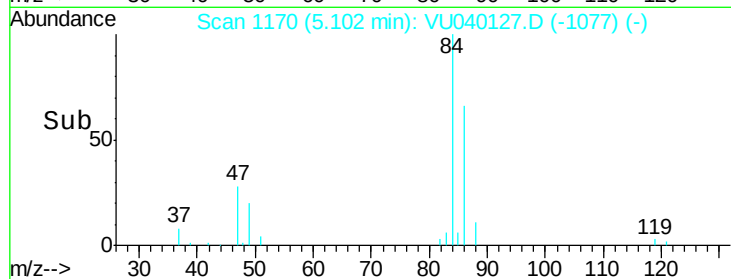
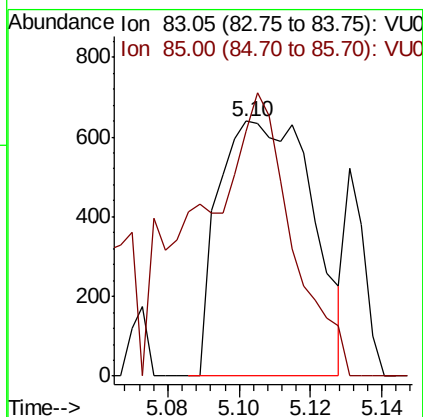
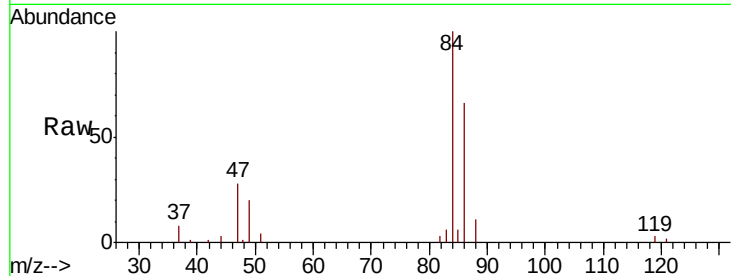




#25
Chloroform
Concen: 0.062 ug/L
RT: 5.10 min Scan# 1170
Delta R.T. -0.00 min
Lab File: VU040127.D
Acq: 14 Sep 2020 18:44

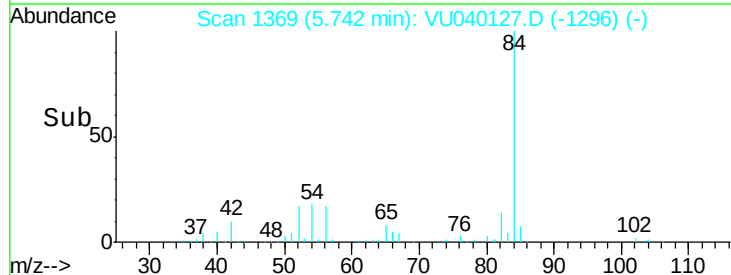
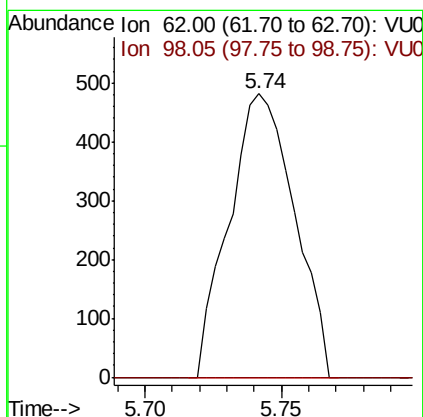
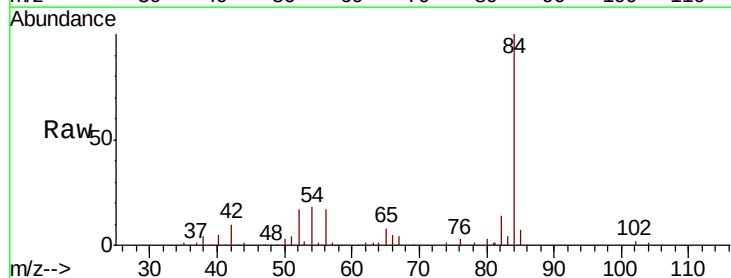
Instrument :
MSVOA_U
ClientSampled :

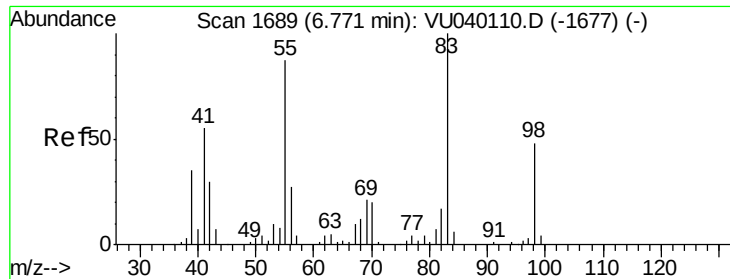
Tot Ion: 83 Resp: 1165
Ion Ratio Lower Upper
83 100
85 96.4 45.3 84.1#



#27
1,2-Dichloroethane
Concen: 0.059 ug/L
RT: 5.74 min Scan# 1369
Delta R.T. -0.06 min
Lab File: VU040127.D
Acq: 14 Sep 2020 18:44

Tgt Ion: 62 Resp: 803
Ion Ratio Lower Upper
62 100
98 0.0 6.1 9.1#

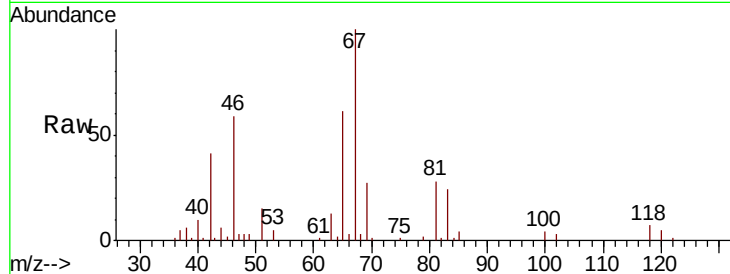




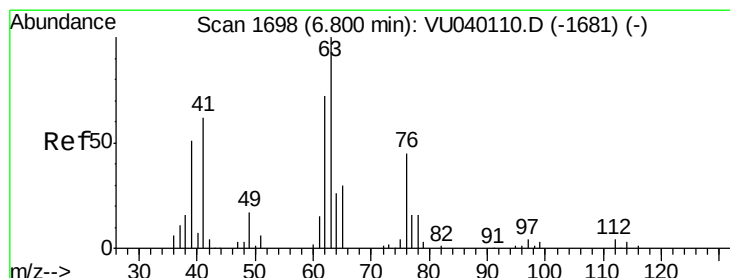
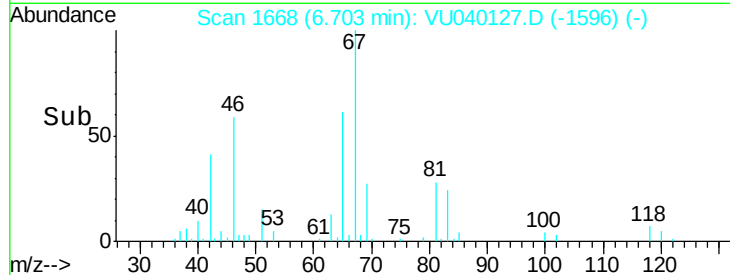
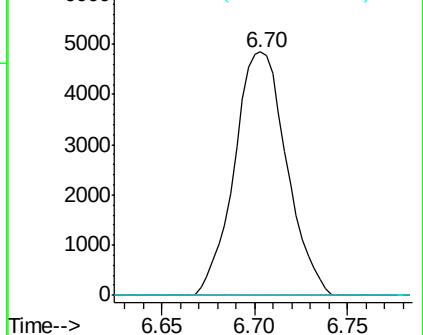
#35
Methvlcvclohexane
Concen: 0.597 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU040127.D
Acq: 14 Sep 2020 18:44

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 83 Resp: 9468
Ion Ratio Lower Upper
83 100
55 0.0 70.5 105.7#
98 0.0 37.8 56.6#

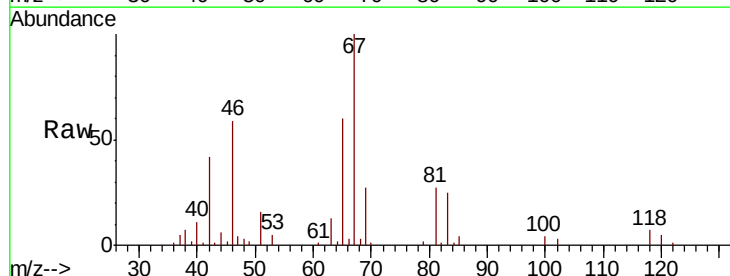


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

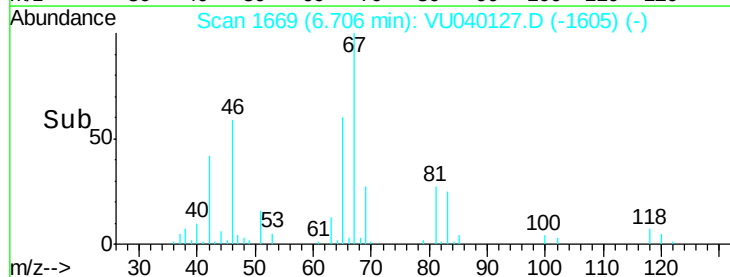
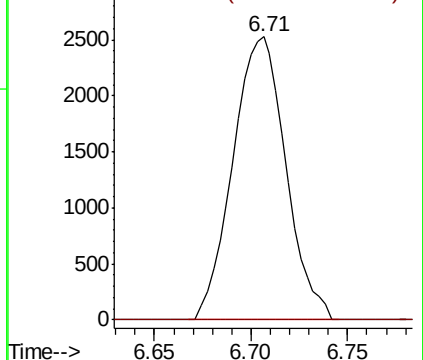


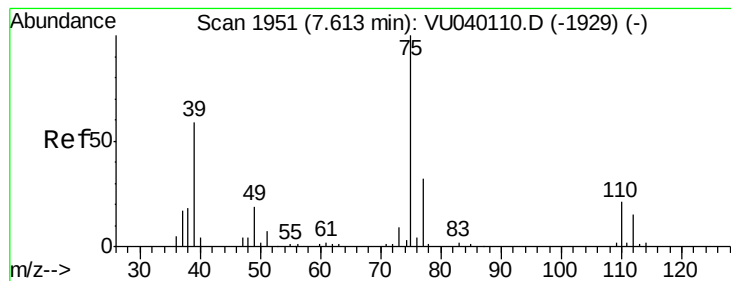
#37
1,2-Dichloropropane
Concen: 0.460 ug/L
RT: 6.71 min Scan# 1669
Delta R.T. -0.09 min
Lab File: VU040127.D
Acq: 14 Sep 2020 18:44

Tgt Ion: 63 Resp: 4804
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V



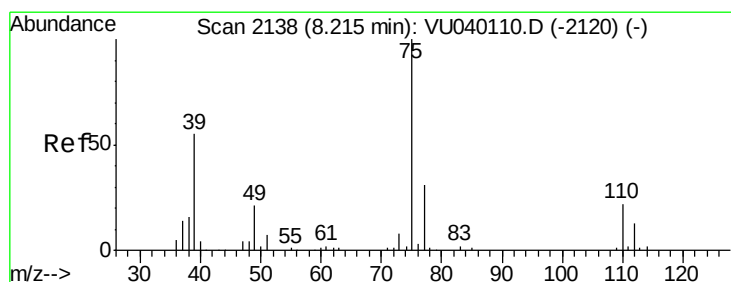
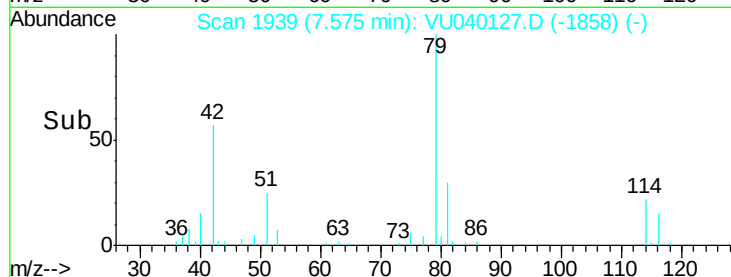
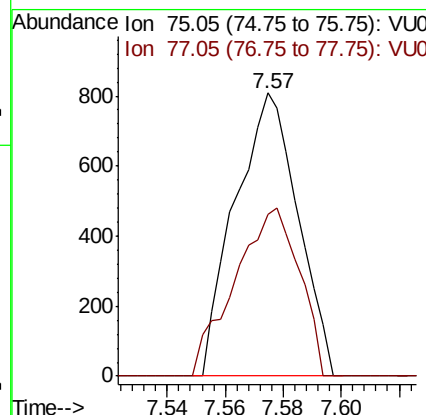
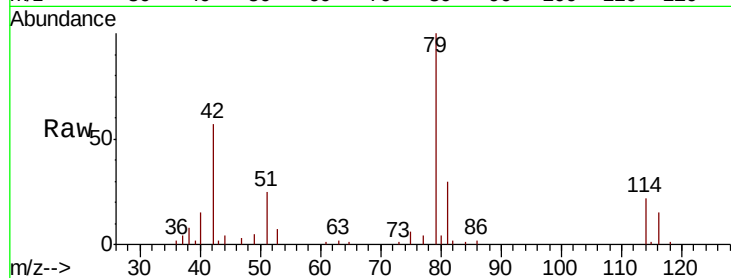


#39

cis-1,3-Dichloropropene
Concen: 0.079 ug/L
RT: 7.57 min Scan# 1939
Delta R.T. -0.04 min
Lab File: VU040127.D
Acq: 14 Sep 2020 18:44

Instrument :
MSVOA_U
ClientSampleId :

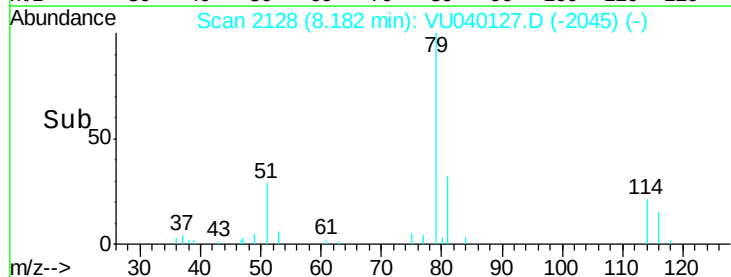
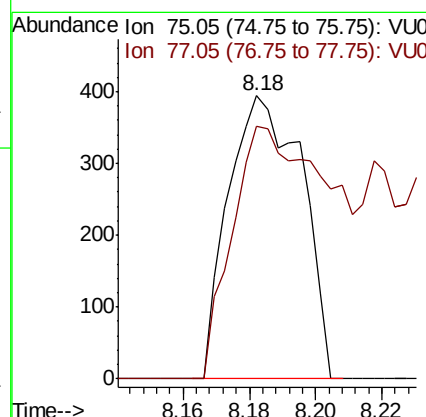
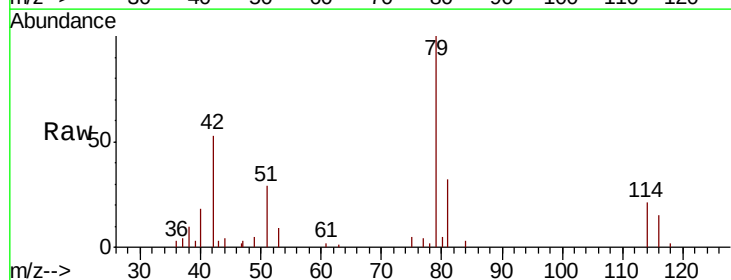
Tot Ion: 75 Resp: 1216
Ion Ratio Lower Upper
75 100
77 57.2 21.1 39.3#

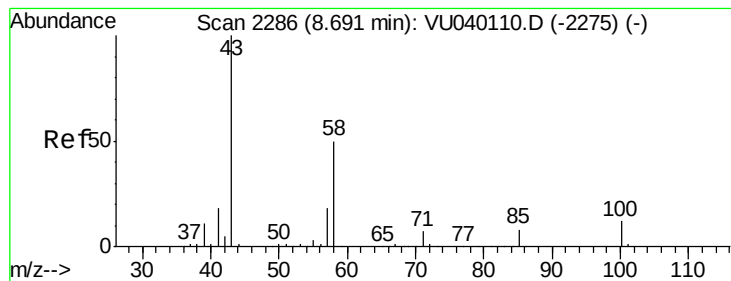


#44

trans-1,3-Dichloropropene
Concen: 0.043 ug/L
RT: 8.18 min Scan# 2128
Delta R.T. -0.03 min
Lab File: VU040127.D
Acq: 14 Sep 2020 18:44

Tgt Ion: 75 Resp: 607
Ion Ratio Lower Upper
75 100
77 89.3 23.9 44.3#





#48

2-Hexanone

Concen: 1.847 ug/L

RT: 8.64 min Scan# 2271

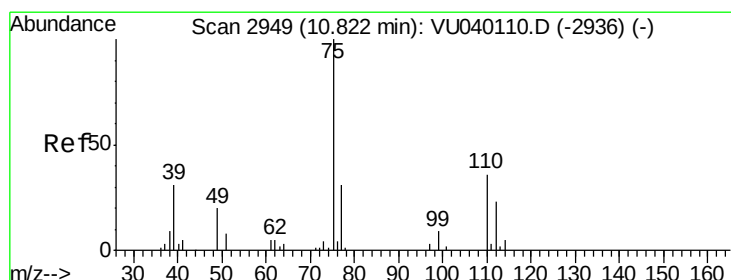
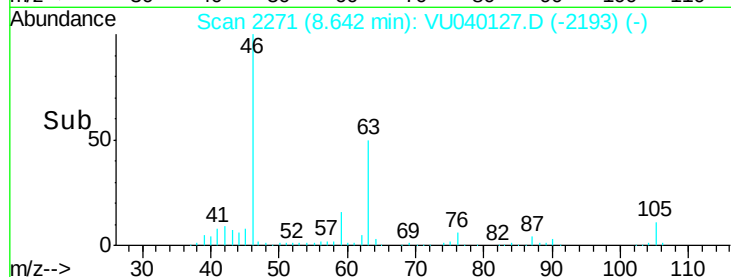
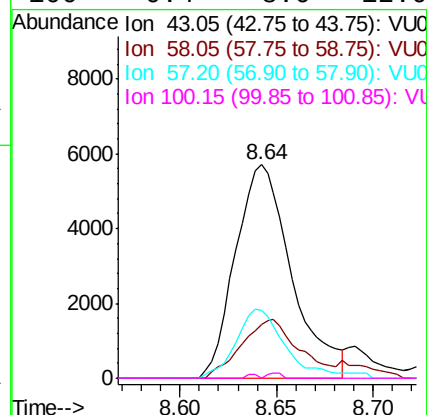
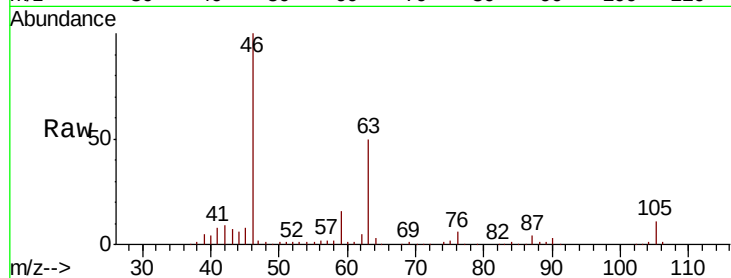
Delta R.T. -0.05 min

Lab File: VU040127.D

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Tot Ion:	43	Resp:	11548
Ion	Ratio	Lower	Upper
43	100		
58	0.0	39.6	59.4#
57	29.1	14.3	21.5#
100	0.4	8.0	12.0#



#59

1,2,3-Trichloropropane

Concen: 0.903 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU040127.D

Acq: 14 Sep 2020 18:44

Tgt Ion:	75	Resp:	6990
Ion	Ratio	Lower	Upper
75	100		
77	45.4	24.9	37.3#

