

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU100120\
 Data File : VU040435.D
 Acq On : 01 Oct 2020 21:28
 Operator : SY/MD
 Sample : L4188-06
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

Quant Time: Oct 02 05:28:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR092920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Oct 02 05:20:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	118777	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	119012	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	51146	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	35285	6.00	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	120.00%
7) Chloroethane-d5	1.92	69	28450	5.53	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	110.60%
11) 1,1-Dichloroethene-d2	2.58	63	54108	3.83	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.60%
20) 2-Butanone-d5	4.66	46	135643	46.44	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.88%
24) Chloroform-d	5.08	84	68004	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.20%
26) 1,2-Dichloroethane-d4	5.72	65	44699	5.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.80%
32) Benzene-d6	5.75	84	136306	5.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	114.00%
36) 1,2-Dichloropropane-d6	6.70	67	46750	5.34	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.80%
41) Toluene-d8	7.91	98	111488	5.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.20%
43) trans-1,3-Dichloropropene-	8.19	79	17887	5.01	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.20%
46) 2-Hexanone-d5	8.64	63	92372	43.97	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.94%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	40035	4.70	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	43607	5.62	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.40%

Target Compounds

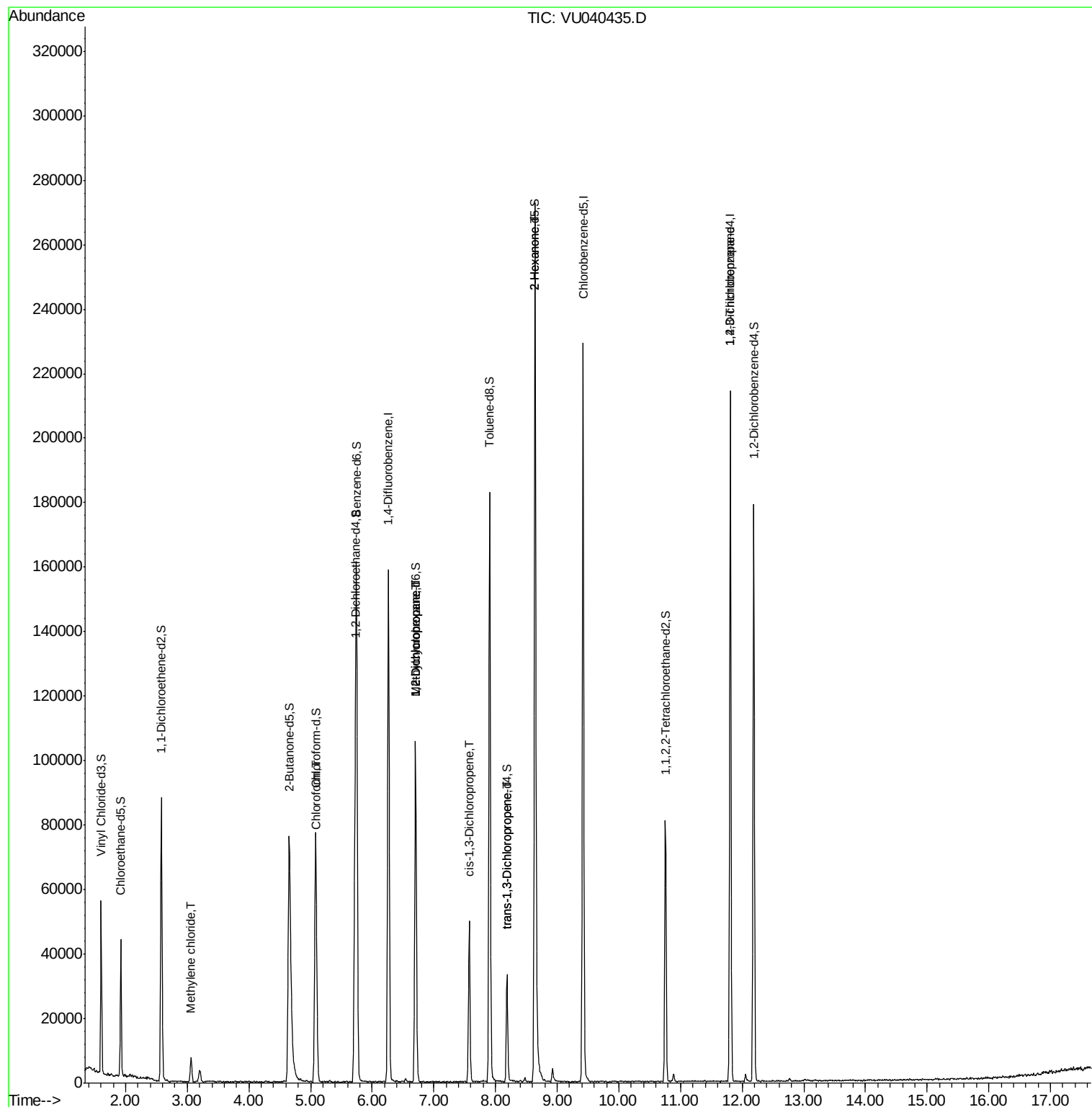
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
16) Methylene chloride	3.06	84	3433	0.302	ug/L	97
25) Chloroform	5.10	83	3540	0.181	ug/L	88
35) Methylcyclohexane	6.71	83	10584	0.681	ug/L #	15
37) 1,2-Dichloropropane	6.70	63	5176	0.466	ug/L #	88
39) cis-1,3-Dichloropropene	7.57	75	1356	0.091	ug/L	99
44) trans-1,3-Dichloropropene	8.18	75	713	0.052	ug/L #	72
48) 2-Hexanone	8.64	43	15374	2.398	ug/L #	68
59) 1,2,3-Trichloropropane	11.81	75	7369	0.915	ug/L	93

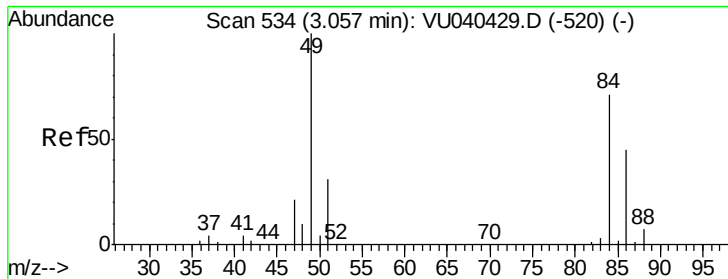
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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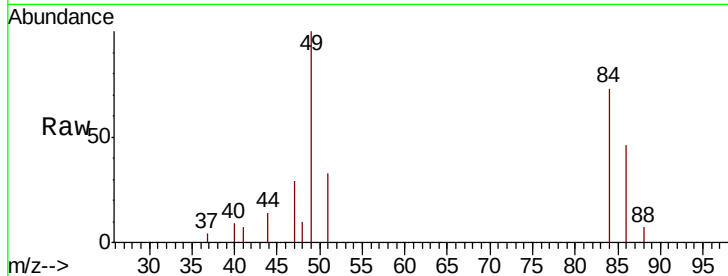




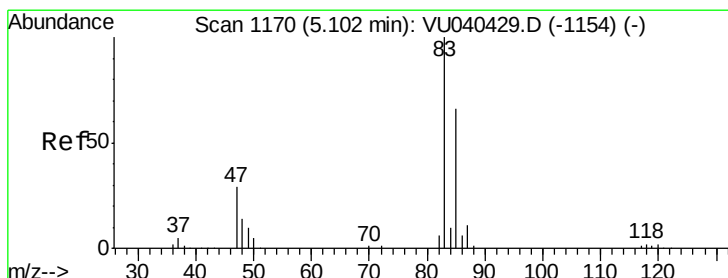
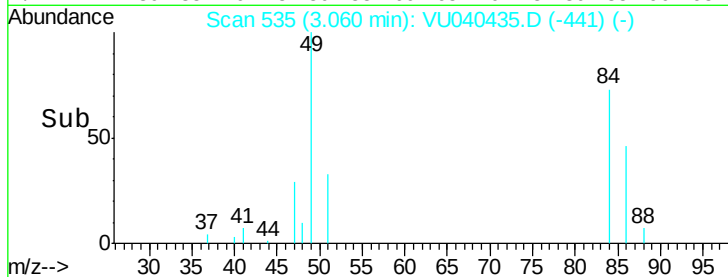
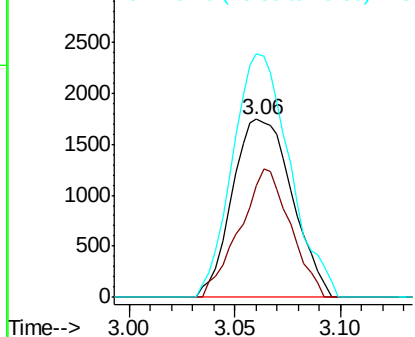
#16
Methylene chloride
Concen: 0.302 ug/L
RT: 3.06 min Scan# 535
Delta R.T. 0.00 min
Lab File: VU040435.D
Acq: 01 Oct 2020 21:28

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Tot Ion: 84 Resp: 3433
Ion Ratio Lower Upper
84 100
86 62.8 44.4 82.5
49 136.8 92.2 171.2

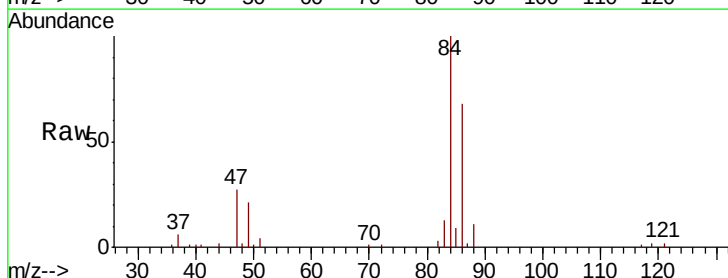


Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

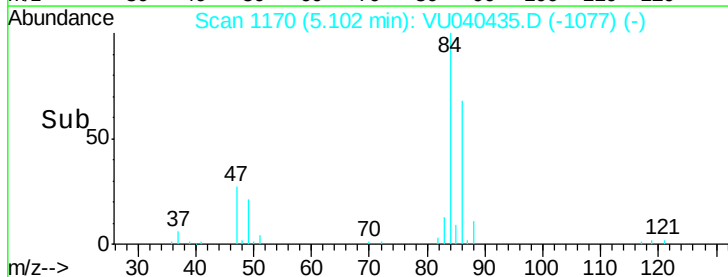
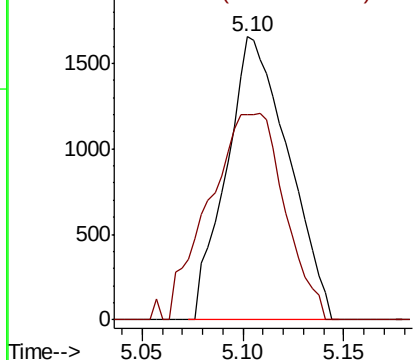


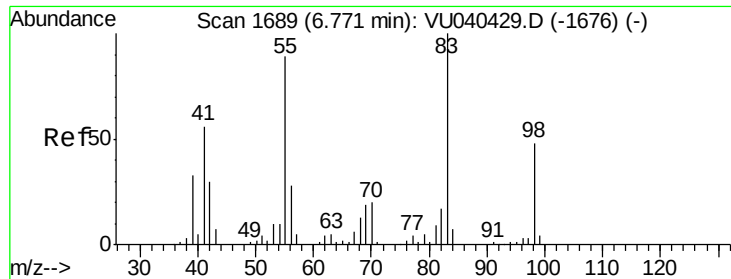
#25
Chloroform
Concen: 0.181 ug/L
RT: 5.10 min Scan# 1170
Delta R.T. 0.00 min
Lab File: VU040435.D
Acq: 01 Oct 2020 21:28

Tgt Ion: 83 Resp: 3540
Ion Ratio Lower Upper
83 100
85 72.7 44.6 82.8



Abundance Ion 83.05 (82.75 to 83.75): VU0
Ion 85.00 (84.70 to 85.70): VU0

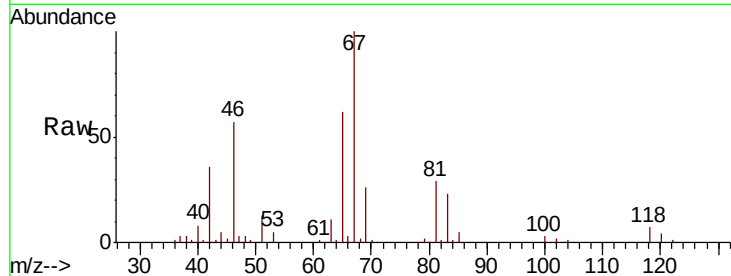




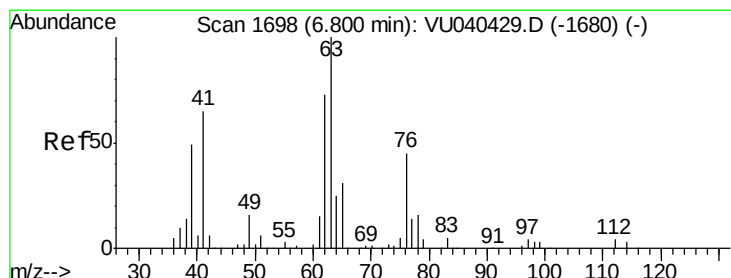
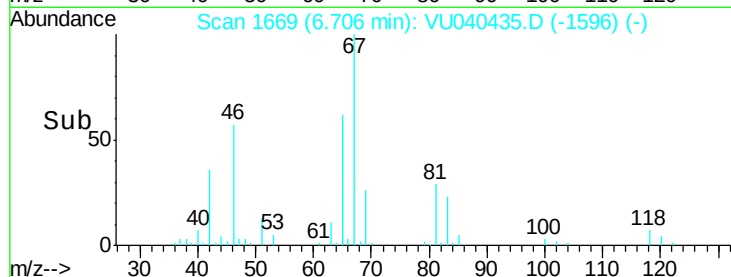
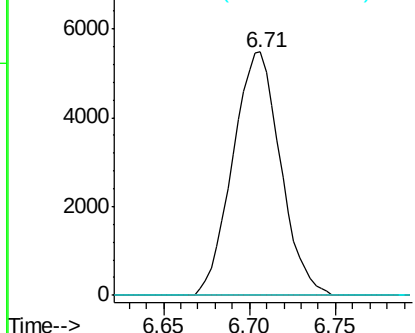
#35
Methylvlcyclohexane
Concen: 0.681 ug/L
RT: 6.71 min Scan# 1669
Delta R.T. -0.06 min
Lab File: VU040435.D
Acq: 01 Oct 2020 21:28

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Tot Ion: 83 Resp: 10584
Ion Ratio Lower Upper
83 100
55 0.0 71.4 107.2#
98 2.6 38.5 57.7#

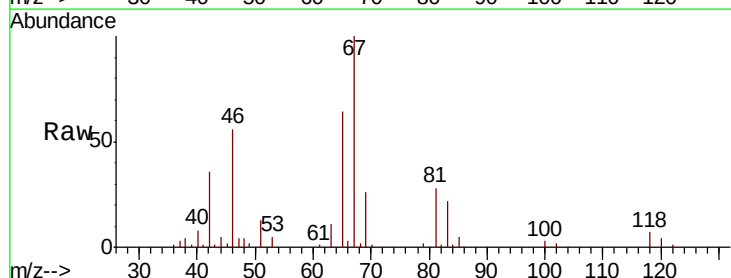


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

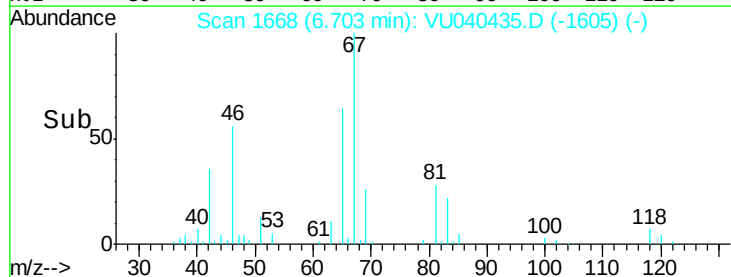
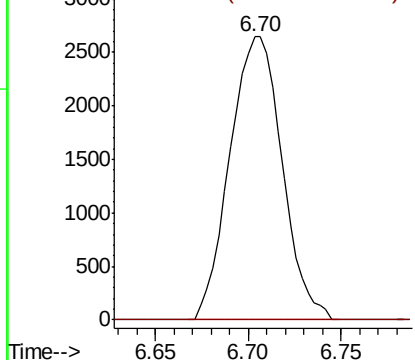


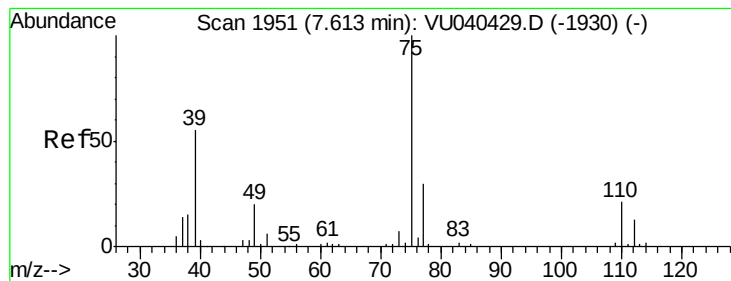
#37
1,2-Dichloropropane
Concen: 0.466 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU040435.D
Acq: 01 Oct 2020 21:28

Tgt Ion: 63 Resp: 5176
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



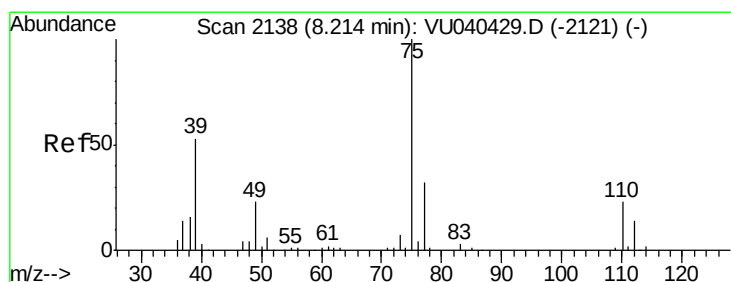
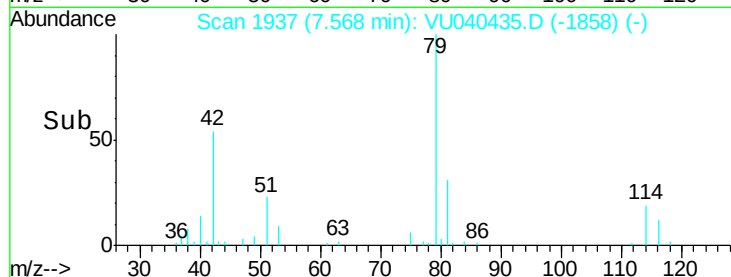
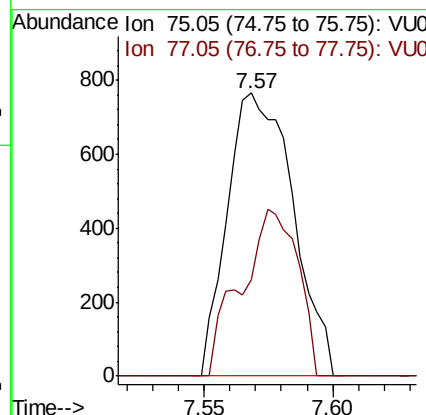
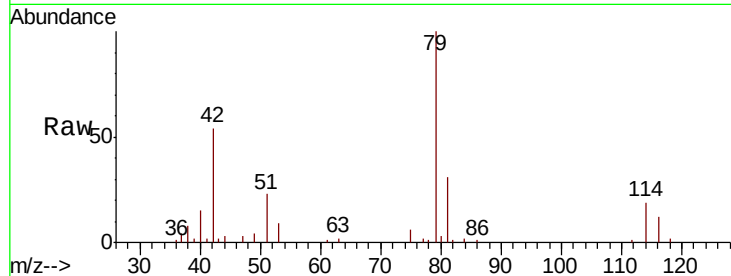


#39

cis-1,3-Dichloropropene
 Concen: 0.091 ug/L
 RT: 7.57 min Scan# 1937
 Delta R.T. -0.04 min
 Lab File: VU040435.D
 Acq: 01 Oct 2020 21:28

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

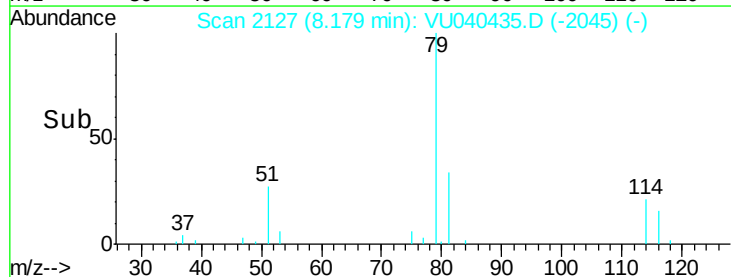
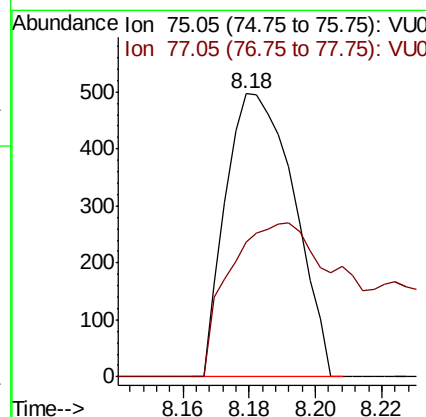
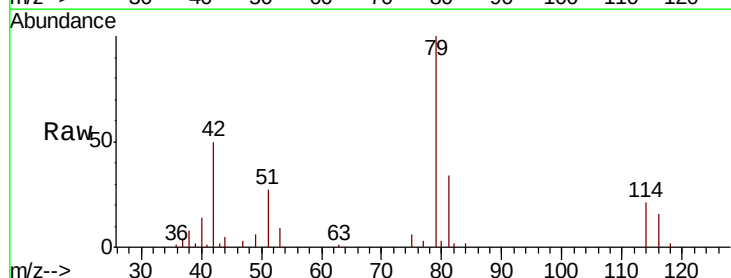
Tot Ion: 75 Resp: 1356
 Ion Ratio Lower Upper
 75 100
 77 34.2 23.5 43.7

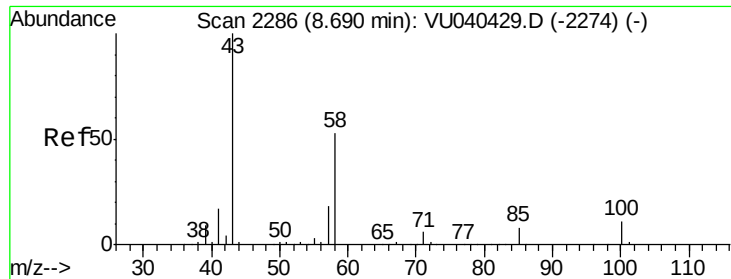


#44

trans-1,3-Dichloropropene
 Concen: 0.052 ug/L
 RT: 8.18 min Scan# 2127
 Delta R.T. -0.04 min
 Lab File: VU040435.D
 Acq: 01 Oct 2020 21:28

Tgt Ion: 75 Resp: 713
 Ion Ratio Lower Upper
 75 100
 77 47.5 22.3 41.3#

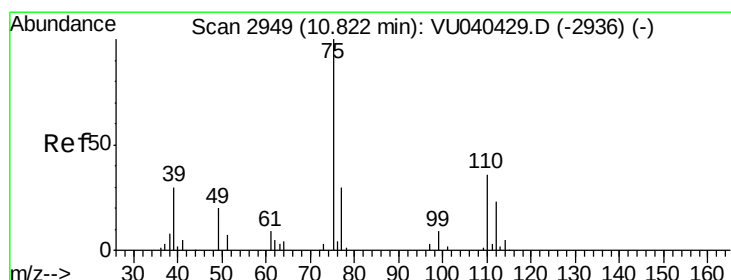
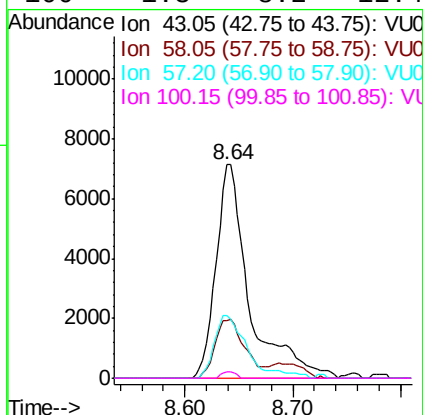
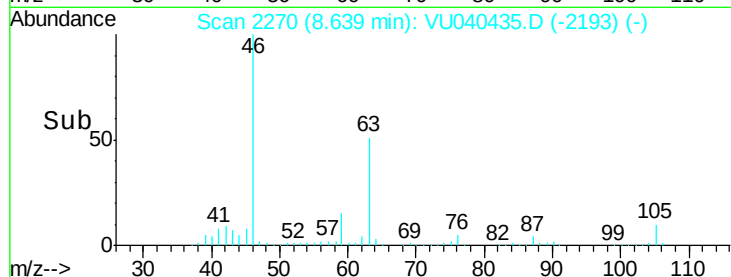
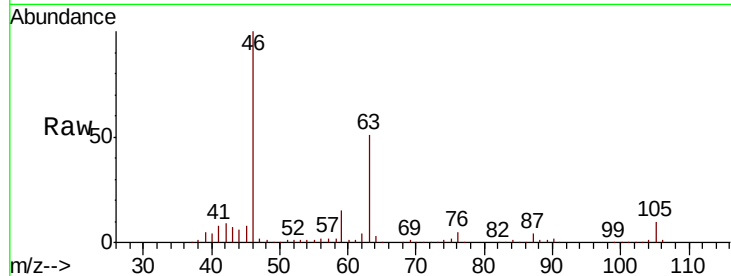




#48
 2-Hexanone
 Concen: 2.398 ug/L
 RT: 8.64 min Scan# 2270
 Delta R.T. -0.05 min
 Lab File: VU040435.D
 Acq: 01 Oct 2020 21:28

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 MSVOA_U
 ClientSampleId :
 VHBLK01

Tot Ion: 43 Resp: 15374
 Ion Ratio Lower Upper
 43 100
 58 24.6 41.0 61.4#
 57 26.4 14.6 22.0#
 100 1.3 8.2 12.4#



#59
 1,2,3-Trichloropropane
 Concen: 0.915 ug/L
 RT: 11.81 min Scan# 3255
 Delta R.T. 0.98 min
 Lab File: VU040435.D
 Acq: 01 Oct 2020 21:28

Tgt Ion: 75 Resp: 7369
 Ion Ratio Lower Upper
 75 100
 77 35.9 25.7 38.5

