

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U122520\
 Data File : VU041806.D
 Acq On : 24 Dec 2020 15:06
 Operator : SY/MD
 Sample : L5161-12DL 2X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB237DL

Quant Time: Dec 25 03:48:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Dec 25 03:47:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	134727	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	134313	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	61425	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	36060	3.42	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	68.40%
7) Chloroethane-d5	1.92	69	39717	4.87	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.40%
11) 1,1-Dichloroethene-d2	2.58	63	58852	3.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.60%
20) 2-Butanone-d5	4.66	46	166533	55.04	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.08%
24) Chloroform-d	5.08	84	82970	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.00%
26) 1,2-Dichloroethane-d4	5.72	65	49153	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.00%
32) Benzene-d6	5.74	84	153521	3.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.80%
36) 1,2-Dichloropropane-d6	6.70	67	51542	4.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.40%
41) Toluene-d8	7.90	98	124165	3.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.60%
43) trans-1,3-Dichloropropene-	8.19	79	20753	3.83	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.60%
46) 2-Hexanone-d5	8.64	63	131146	44.25	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.50%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	46186	4.22	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	49245	4.51	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.20%

Target Compounds

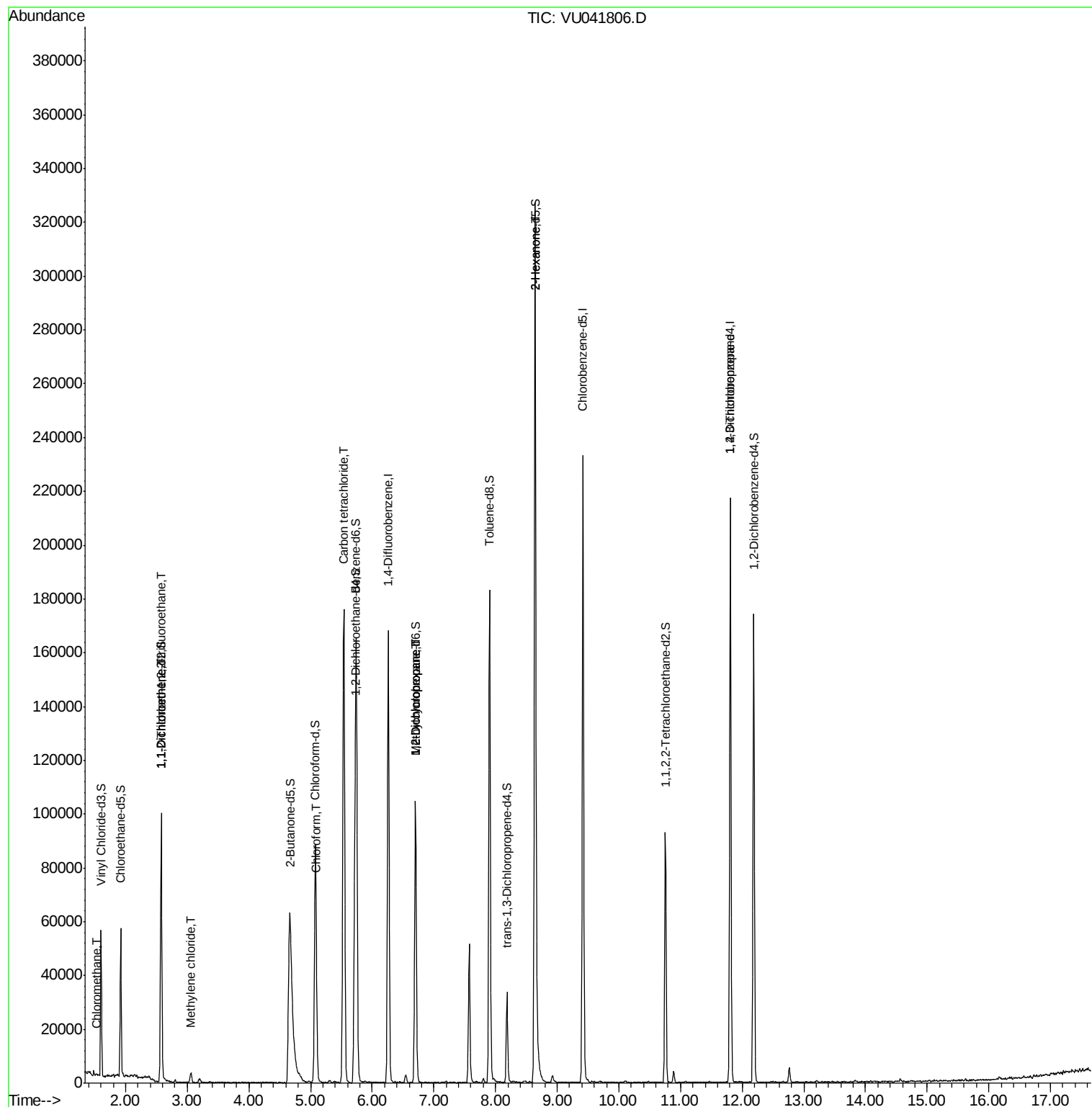
					Ovalue
3) Chloromethane	1.53	50	706	0.064	ug/L 98
10) 1,1,2-Trichloro-1,2,2-trif	2.58	101	632	0.068	ug/L # 22
12) 1,1-Dichloroethene	2.58	96	589	0.064	ug/L # 1
16) Methylene chloride	3.06	84	1910	0.175	ug/L 88
25) Chloroform	5.10	83	2938	0.165	ug/L 96
31) Carbon tetrachloride	5.54	117	121940	9.143	ug/L 97
35) Methylcyclohexane	6.70	83	12132	0.695	ug/L # 19
37) 1,2-Dichloropropane	6.70	63	5861	0.533	ug/L # 91
48) 2-Hexanone	8.64	43	13655	2.400	ug/L # 66
59) 1,2,3-Trichloropropane	11.81	75	6829	0.828	ug/L 98

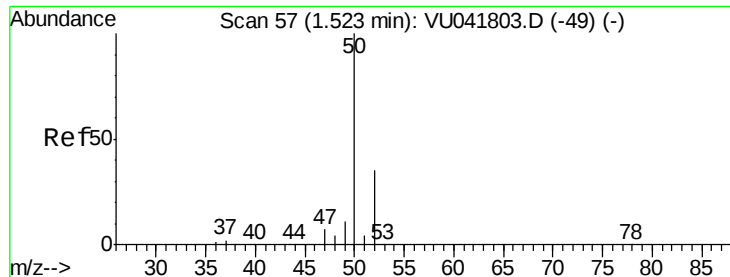
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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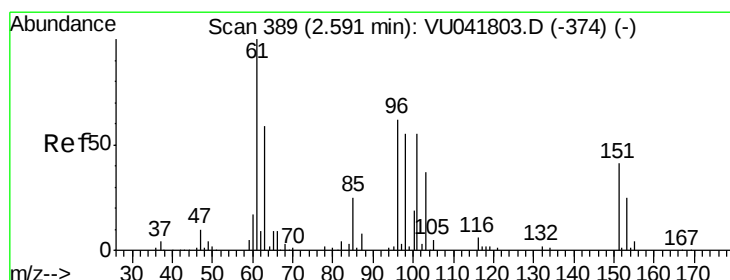
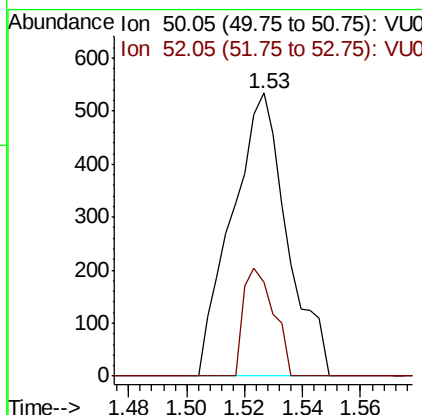
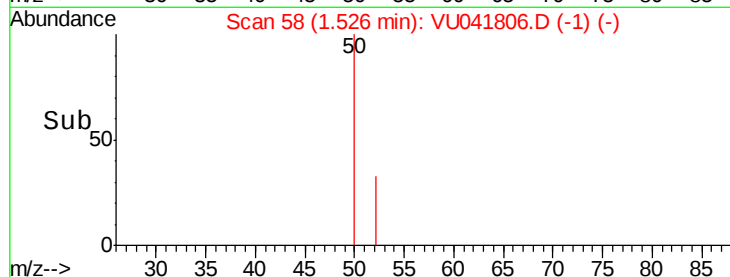
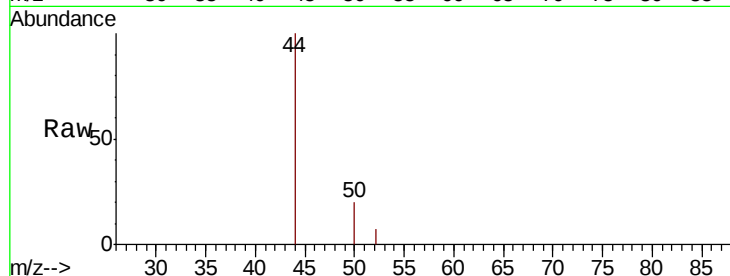




#3
Chloromethane
Concen: 0.064 ug/L
RT: 1.53 min Scan# 58
Delta R.T. 0.00 min
Lab File: VU041806.D
Acq: 24 Dec 2020 15:06

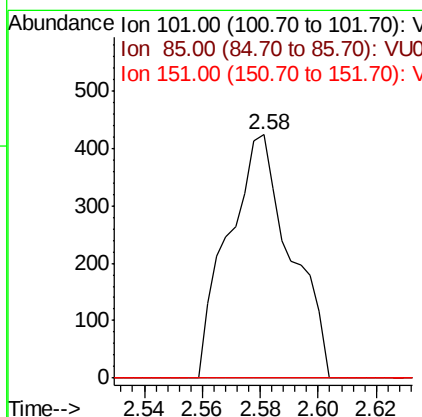
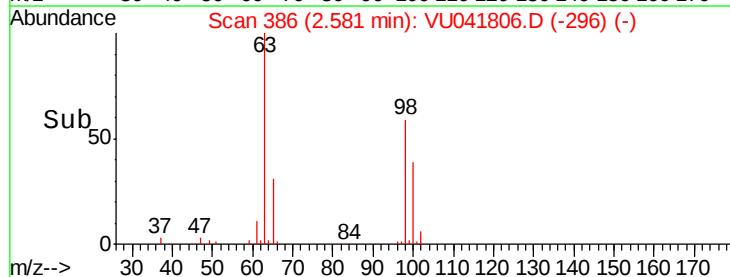
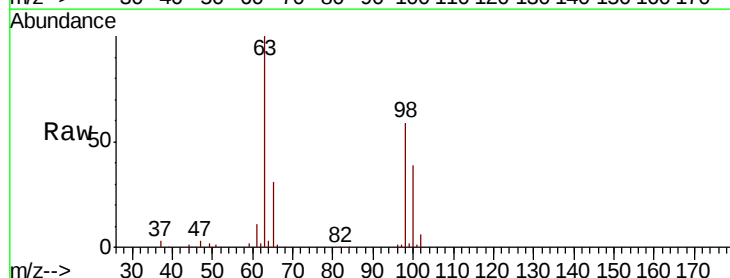
Instrument :
MSVOA_U
ClientSampleId :
GB237DL

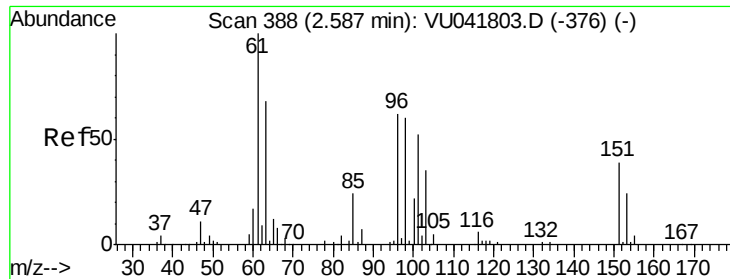
Tot Ion: 50 Resp: 706
Ion Ratio Lower Upper
50 100
52 33.1 24.1 44.8



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.068 ug/L
RT: 2.58 min Scan# 386
Delta R.T. -0.01 min
Lab File: VU041806.D
Acq: 24 Dec 2020 15:06

Tgt Ion:101 Resp: 632
Ion Ratio Lower Upper
101 100
85 0.0 33.6 50.4#
151 0.0 56.2 84.4#

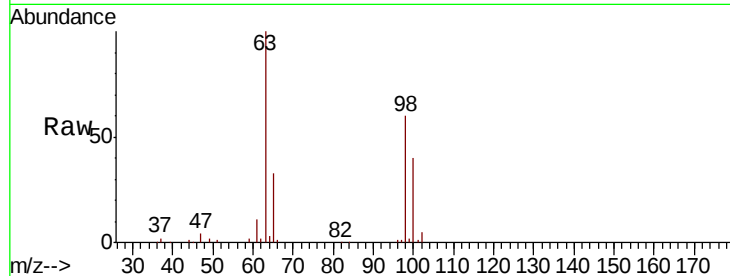




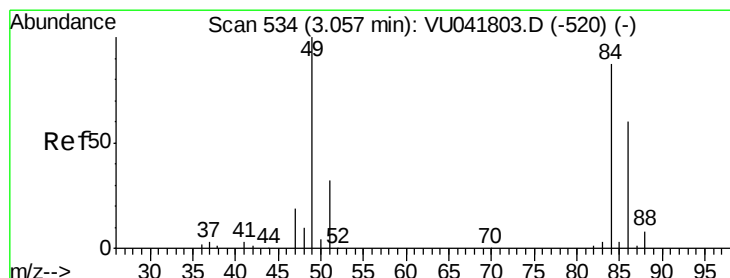
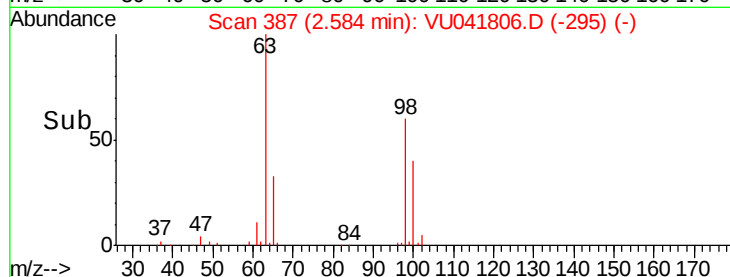
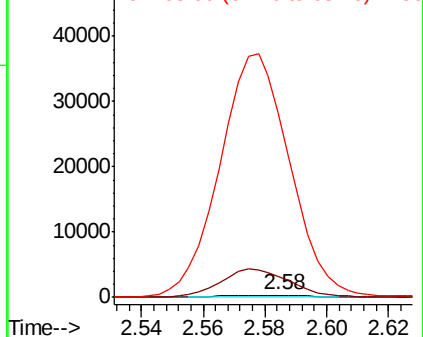
#12
 1,1-Dichloroethene
 Concen: 0.064 ug/L
 RT: 2.58 min Scan# 387
 Delta R.T. -0.00 min
 Lab File: VU041806.D
 Acq: 24 Dec 2020 15:06

Instrument :
 MSVOA_U
 ClientSampleId :
 GB237DL

Tot Ion: 96 Resp: 589
 Ion Ratio Lower Upper
 96 100
 61 987.7 123.8 230.0#
 63 8660.1 81.0 150.4#

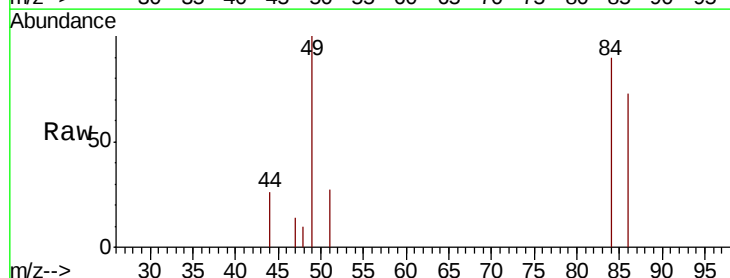


Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.05 (60.75 to 61.75): VU0
 Ion 63.00 (62.70 to 63.70): VU0

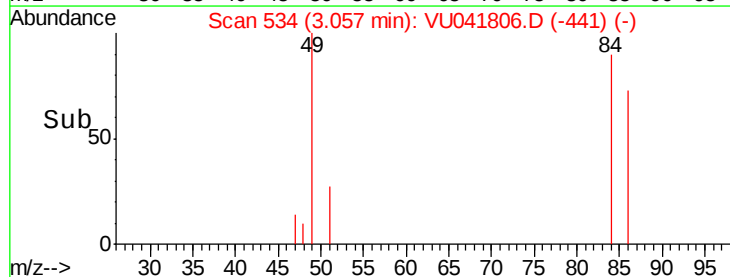
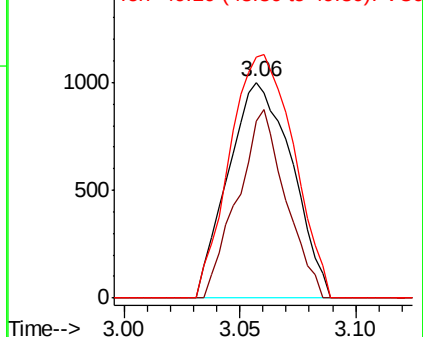


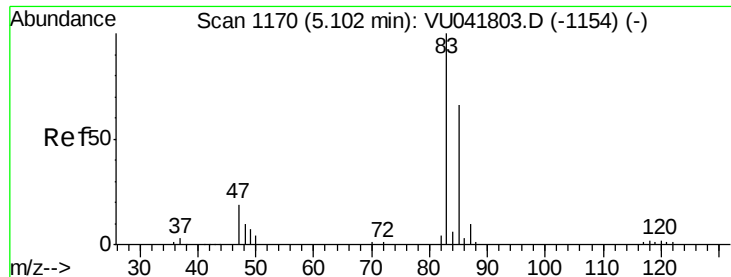
#16
 Methylene chloride
 Concen: 0.175 ug/L
 RT: 3.06 min Scan# 534
 Delta R.T. 0.00 min
 Lab File: VU041806.D
 Acq: 24 Dec 2020 15:06

Tgt Ion: 84 Resp: 1910
 Ion Ratio Lower Upper
 84 100
 86 81.9 45.1 83.7
 49 111.6 83.1 154.3



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

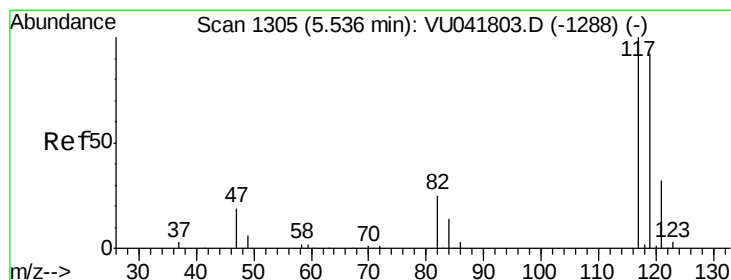
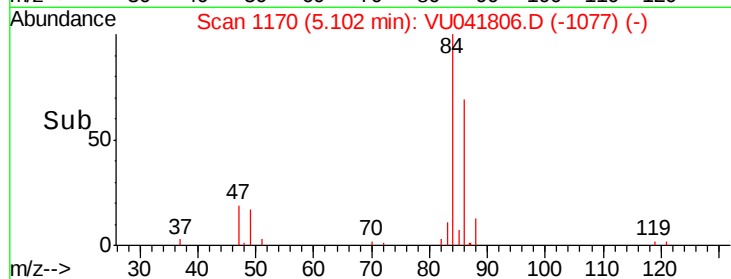
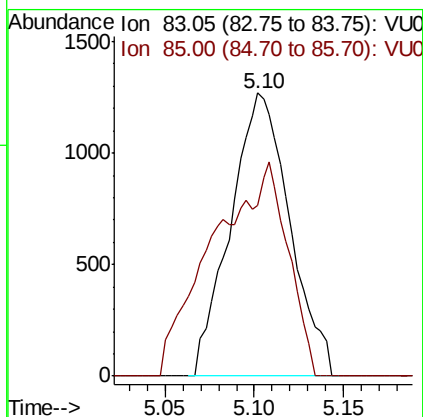
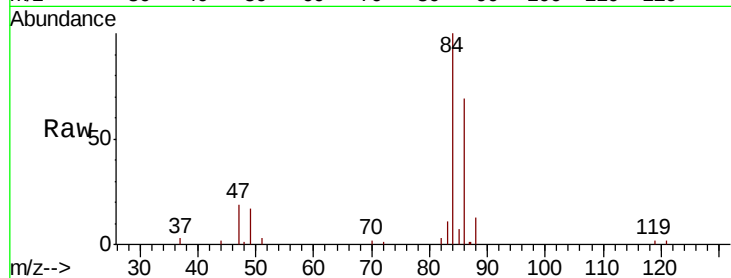




#25
Chloroform
Concen: 0.165 ug/L
RT: 5.10 min Scan# 1170
Delta R.T. 0.00 min
Lab File: VU041806.D
Acq: 24 Dec 2020 15:06

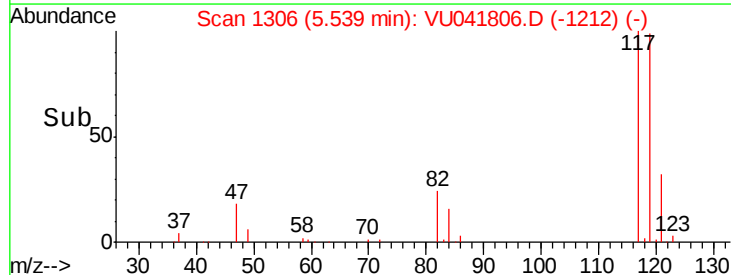
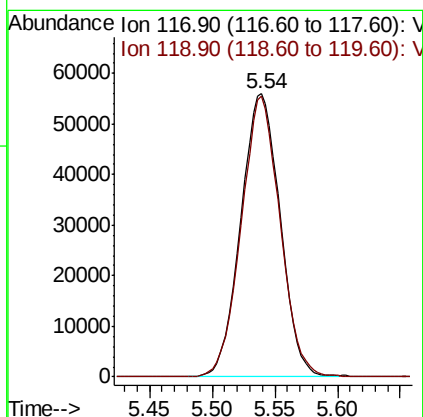
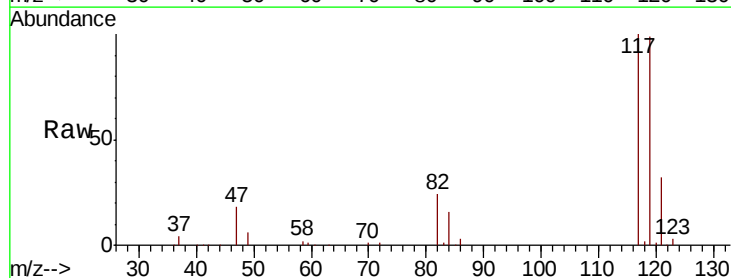
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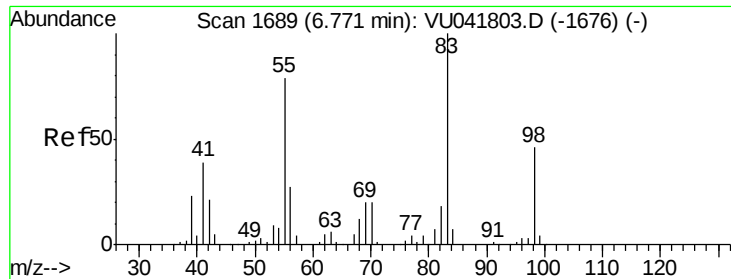
Tot Ion: 83 Resp: 2938
Ion Ratio Lower Upper
83 100
85 60.2 44.2 82.0



#31
Carbon tetrachloride
Concen: 9.143 ug/L
RT: 5.54 min Scan# 1306
Delta R.T. 0.00 min
Lab File: VU041806.D
Acq: 24 Dec 2020 15:06

Tgt Ion: 117 Resp: 121940
Ion Ratio Lower Upper
117 100
119 97.9 76.2 114.2

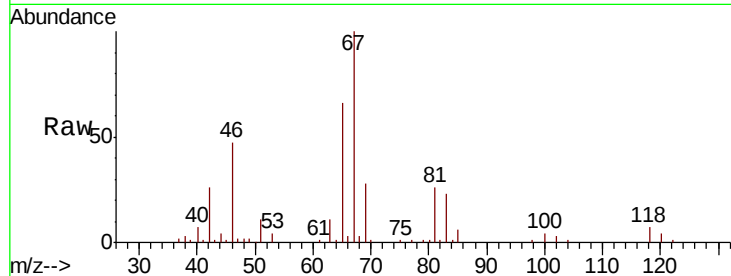




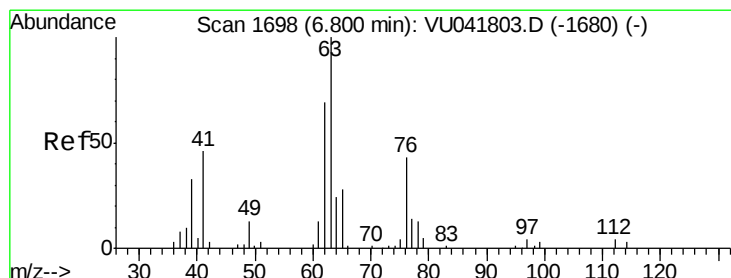
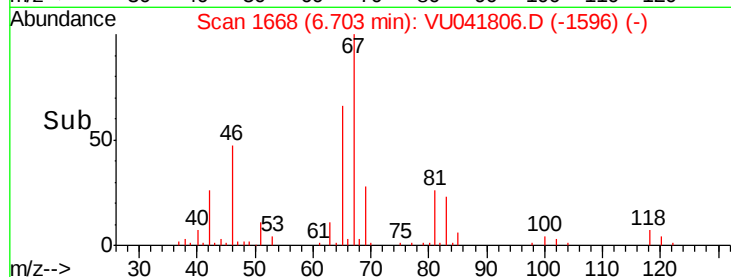
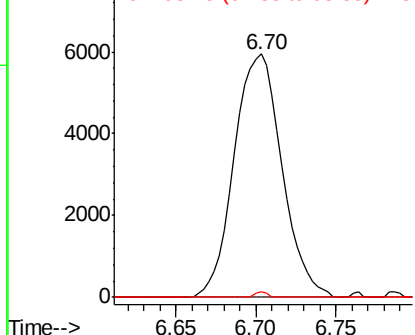
#35
Methvlcvclohexane
Concen: 0.695 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU041806.D
Acq: 24 Dec 2020 15:06

Instrument :
MSVOA_U
ClientSampleId :
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Tot Ion	83	Resp	12132
Ion Ratio	Lower	Upper	
83	100		
55	0.0	61.2	91.8#
98	0.6	36.6	54.8#

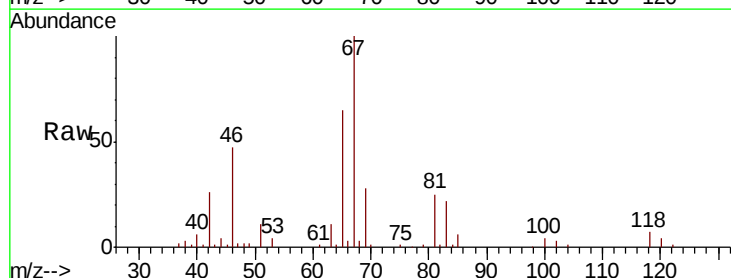


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

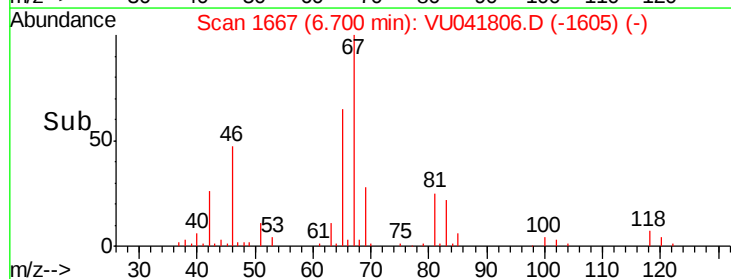
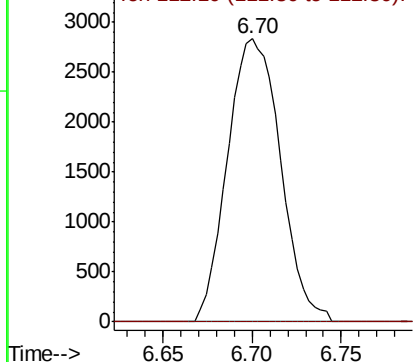


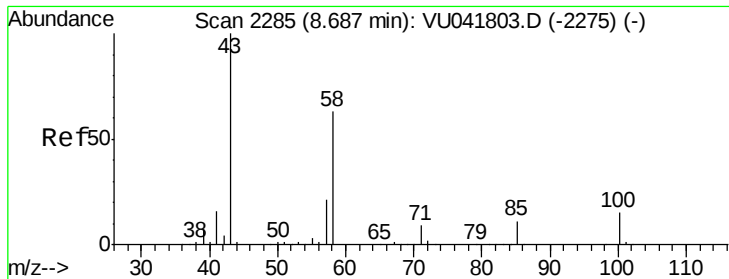
#37
1,2-Dichloropropane
Concen: 0.533 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.10 min
Lab File: VU041806.D
Acq: 24 Dec 2020 15:06

Tgt Ion	63	Resp	5861
Ion Ratio	Lower	Upper	
63	100		
112	0.8	3.1	4.7#



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

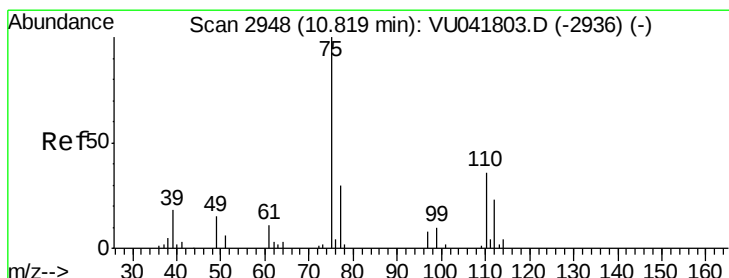
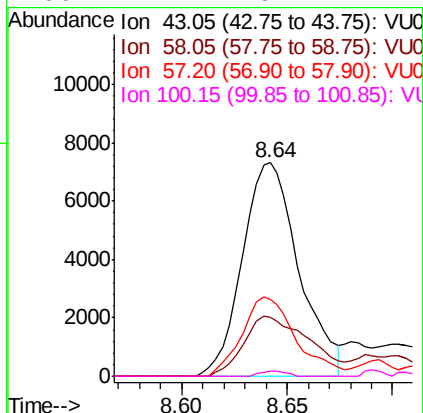
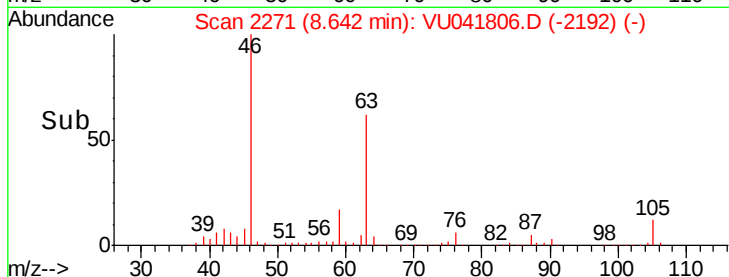
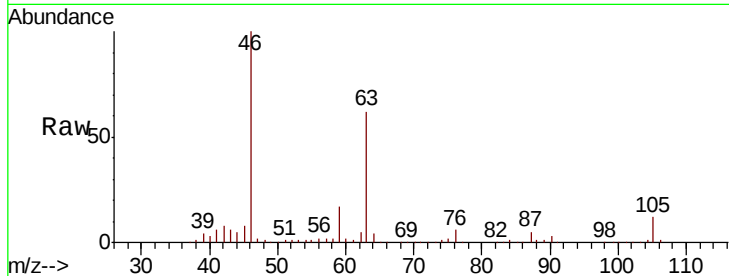




#48
2-Hexanone
Concen: 2.400 ug/L
RT: 8.64 min Scan# 2271
Delta R.T. -0.04 min
Lab File: VU041806.D
Acq: 24 Dec 2020 15:06

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Tot Ion: 43 Resp: 13655
Ion Ratio Lower Upper
43 100
58 32.6 47.9 71.9#
57 35.4 16.5 24.7#
100 1.1 9.4 14.2#



#59
1,2,3-Trichloropropane
Concen: 0.828 ug/L
RT: 11.81 min Scan# 3255
Delta R.T. 0.99 min
Lab File: VU041806.D
Acq: 24 Dec 2020 15:06

Tgt Ion: 75 Resp: 6829
Ion Ratio Lower Upper
75 100
77 34.0 26.2 39.2

