

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU122820\
 Data File : VU041825.D
 Acq On : 28 Dec 2020 13:16
 Operator : SY/MD
 Sample : VU1228WBL01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK211

Quant Time: Dec 29 01:06:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SFAMUTR122820WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Dec 29 01:00:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	154055	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	148592	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.81	152	66926	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	61486	5.04	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.80%
7) Chloroethane-d5	1.92	69	57262	4.97	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.40%
11) 1,1-Dichloroethene-d2	2.58	65	28344	4.66	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.20%
20) 2-Butanone-d5	4.66	46	171636	49.77	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.54%
24) Chloroform-d	5.08	84	102372	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.20%
26) 1,2-Dichloroethane-d4	5.72	65	57770	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.80%
32) Benzene-d6	5.74	84	207661	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.20%
36) 1,2-Dichloropropane-d6	6.70	67	65077	4.93	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.60%
41) Toluene-d8	7.91	98	185896	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.60%
43) trans-1,3-Dichloropropene-	8.19	79	26804	4.80	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.00%
46) 2-Hexanone-d5	8.64	63	146274	49.09	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.18%
56) 1,1,2,2-Tetrachloroethane-	10.75	84	58614	4.70	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.00%
66) 1,2-Dichlorobenzene-d4	12.19	152	66337	5.21	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.20%

Target Compounds

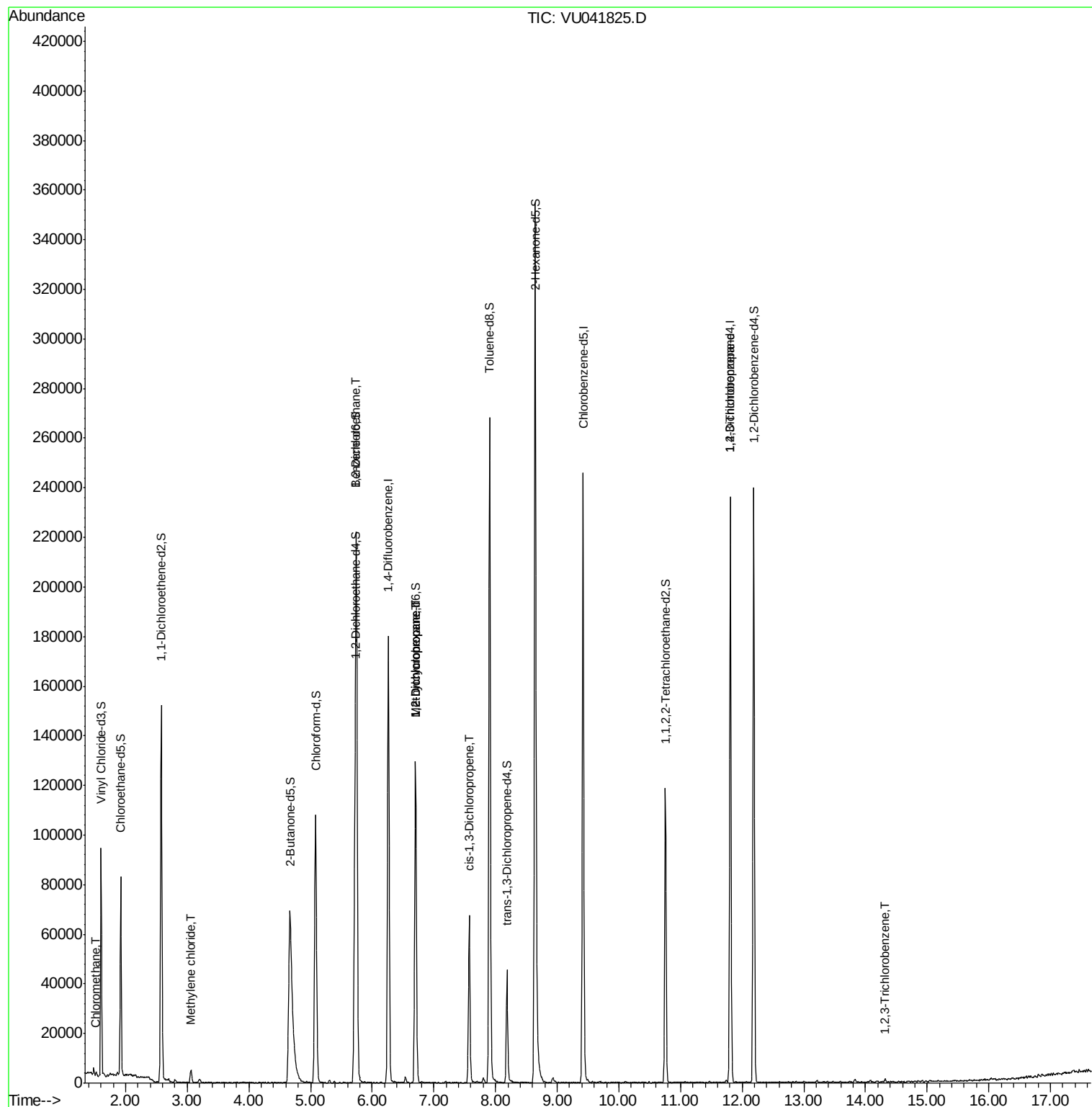
					Ovalue
3) Chloromethane	1.53	50	1485	0.116 ug/L #	79
16) Methylene chloride	3.06	84	2839	0.185 ug/L	93
27) 1,2-Dichloroethane	5.74	62	1213	0.089 ug/L #	74
35) Methylcyclohexane	6.70	83	15620	0.880 ug/L #	19
37) 1,2-Dichloropropane	6.70	63	6500	0.591 ug/L #	87
39) cis-1,3-Dichloropropene	7.57	75	1508	0.091 ug/L #	38
61) 1,2,3-Trichloropropane	11.81	75	7233	0.963 ug/L #	65
72) 1,2,3-Trichlorobenzene	14.32	180	707	0.067 ug/L #	69

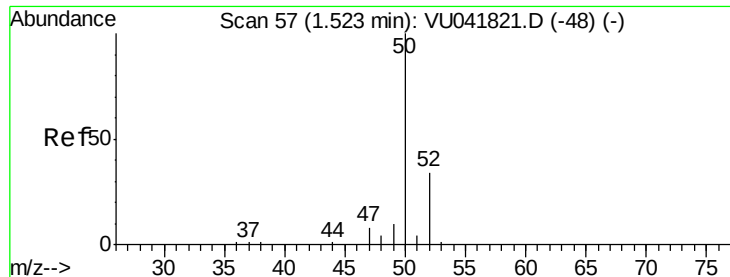
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Dec 29 01:00:42 2020
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.116 ug/L

RT: 1.53 min Scan# 58

Delta R.T. 0.00 min

Lab File: VU041825.D

Acq: 28 Dec 2020 13:16

Instrument :

MSVOA_U

ClientSampled :

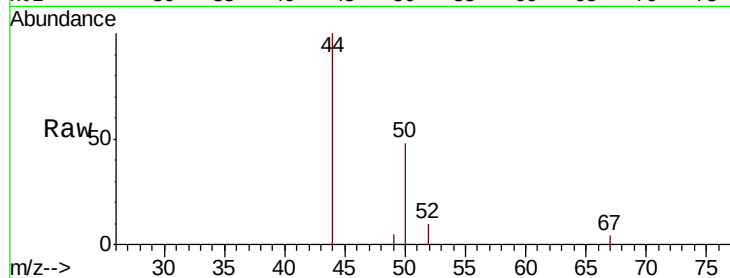
VBLK211

Tot Ion: 50 Resp: 1485

Ion Ratio Lower Upper

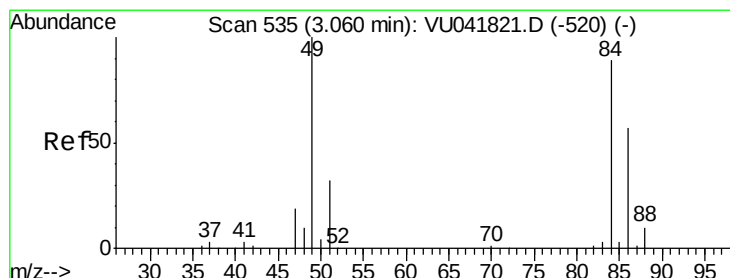
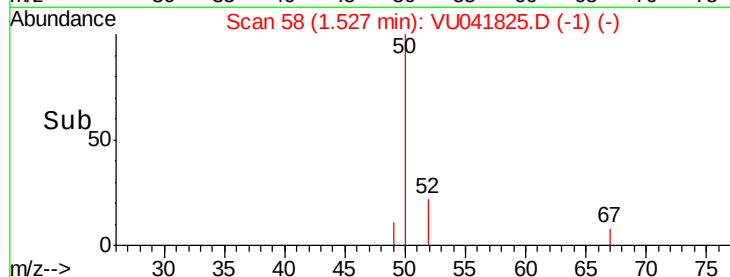
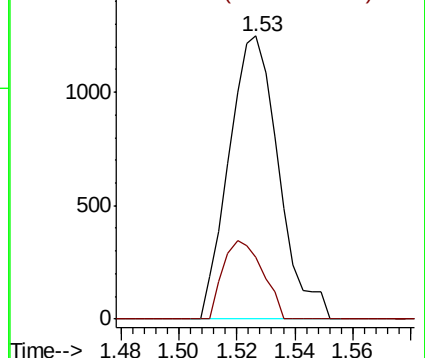
50 100

52 21.7 23.6 43.8#



Abundance Ion 50.05 (49.75 to 50.75): VU0

Ion 52.05 (51.75 to 52.75): VU0



#16

Methylene chloride

Concen: 0.185 ug/L

RT: 3.06 min Scan# 535

Delta R.T. 0.00 min

Lab File: VU041825.D

Acq: 28 Dec 2020 13:16

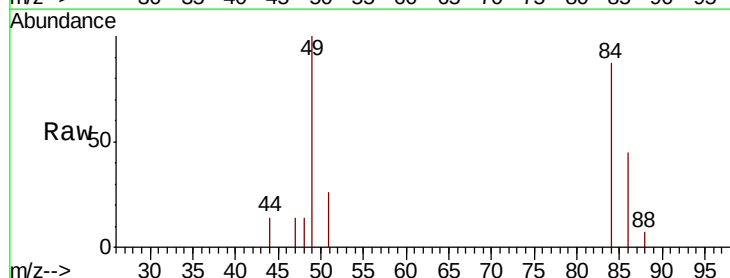
Tgt Ion: 84 Resp: 2839

Ion Ratio Lower Upper

84 100

86 52.3 44.9 83.5

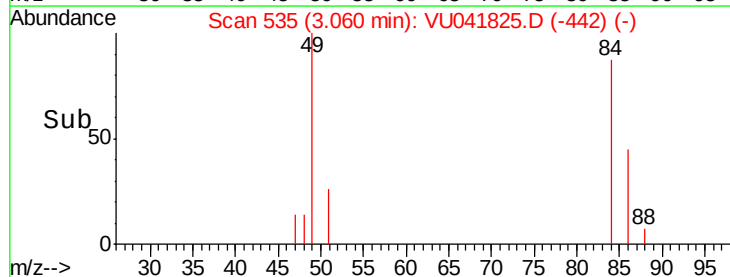
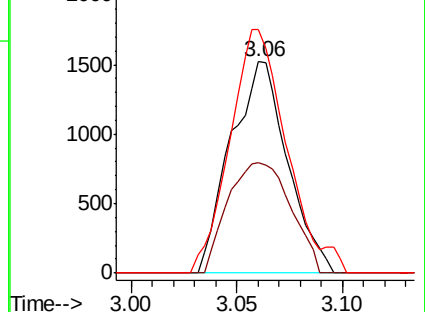
49 115.2 79.0 146.8

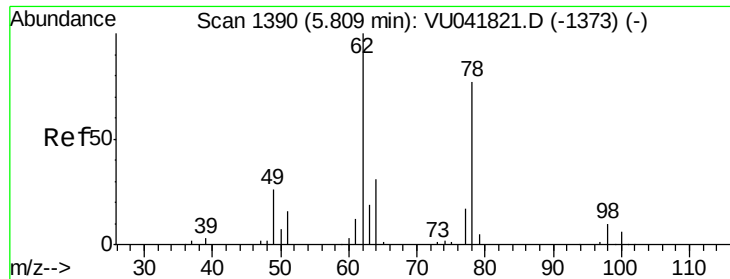


Abundance Ion 84.05 (83.75 to 84.75): VU0

Ion 86.00 (85.70 to 86.70): VU0

Ion 49.10 (48.80 to 49.80): VU0

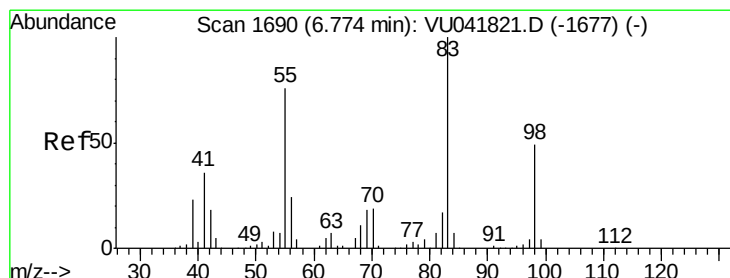
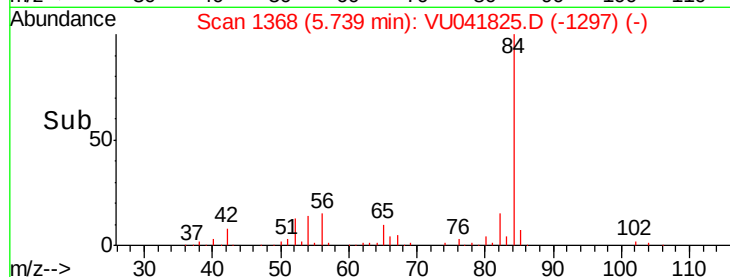
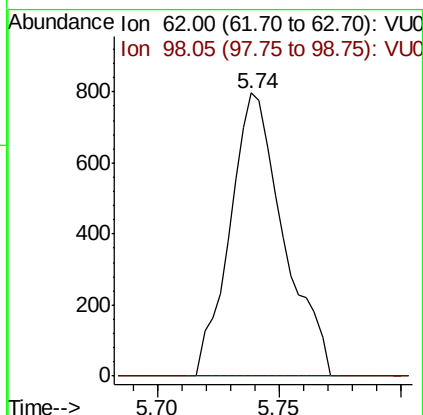
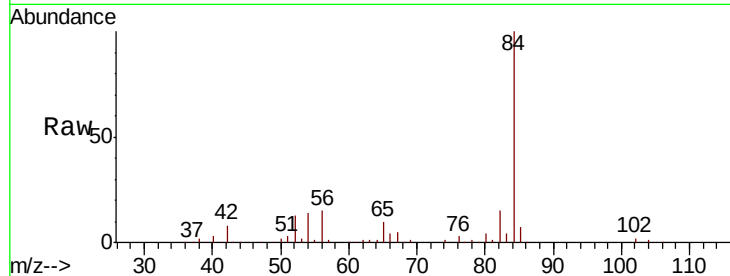




#27
 1,2-Dichloroethane
 Concen: 0.089 ug/L
 RT: 5.74 min Scan# 1368
 Delta R.T. -0.07 min
 Lab File: VU041825.D
 Acq: 28 Dec 2020 13:16

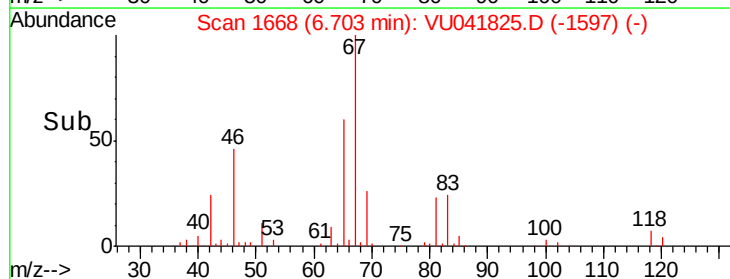
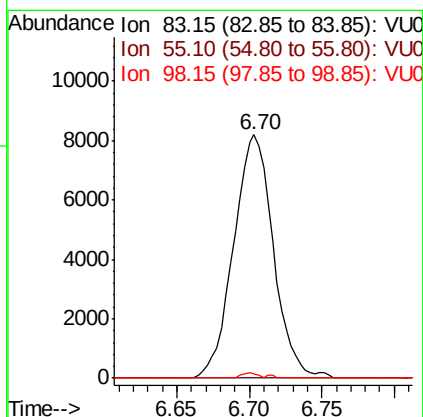
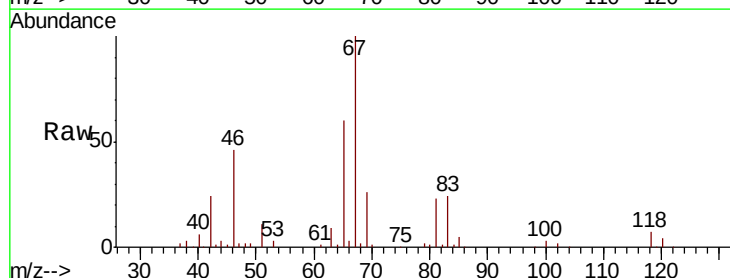
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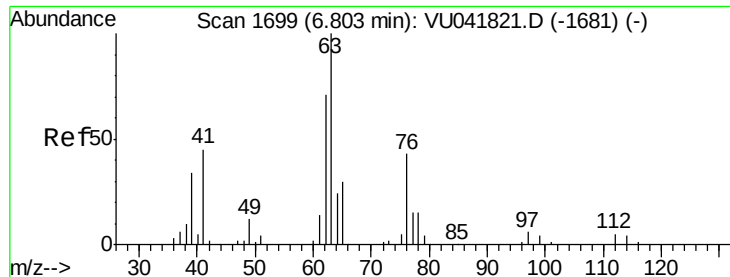
Tot Ion: 62 Resp: 1213
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.5 11.3#



#35
 Methylcyclohexane
 Concen: 0.880 ug/L
 RT: 6.70 min Scan# 1668
 Delta R.T. -0.07 min
 Lab File: VU041825.D
 Acq: 28 Dec 2020 13:16

Tgt Ion: 83 Resp: 15620
 Ion Ratio Lower Upper
 83 100
 55 0.0 59.5 89.3#
 98 0.9 37.9 56.9#

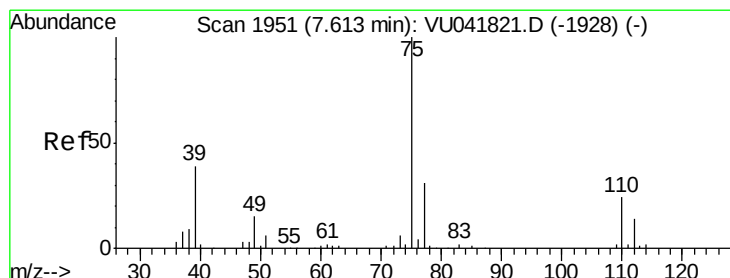
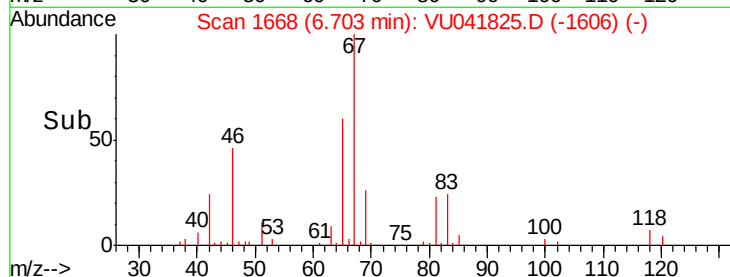
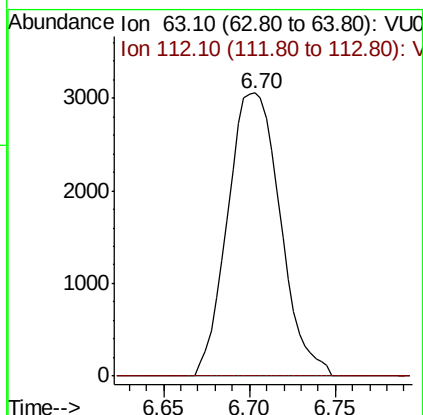
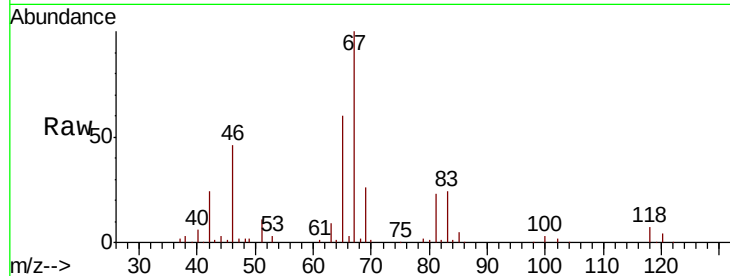




#37
 1,2-Dichloropropane
 Concen: 0.591 ug/L
 RT: 6.70 min Scan# 1668
 Delta R.T. -0.10 min
 Lab File: VU041825.D
 Acq: 28 Dec 2020 13:16

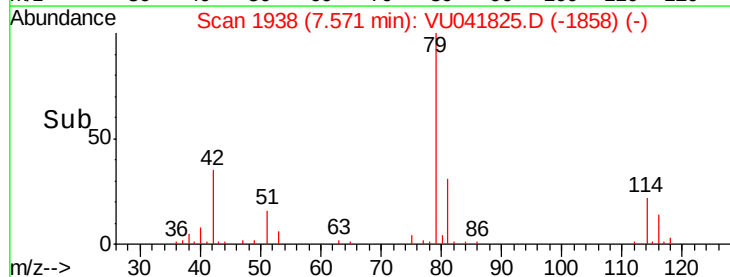
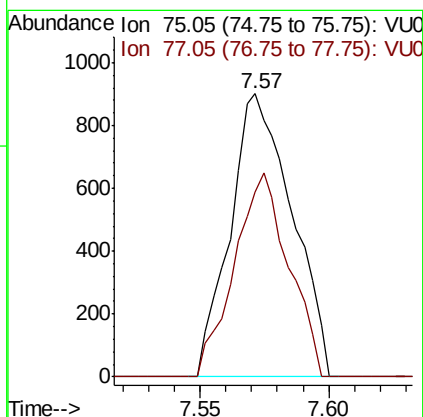
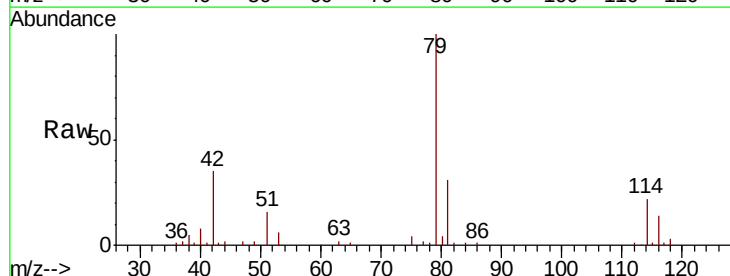
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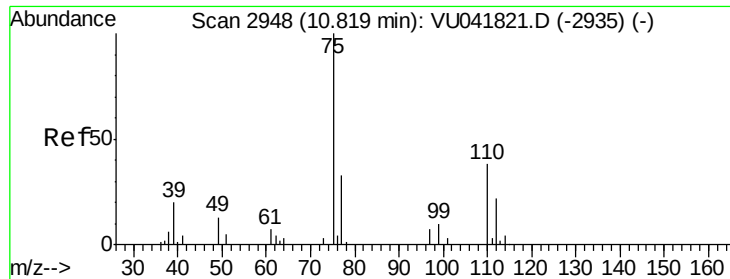
Tot Ion: 63 Resp: 6500
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.5 5.3#



#39
 cis-1,3-Dichloropropene
 Concen: 0.091 ug/L
 RT: 7.57 min Scan# 1938
 Delta R.T. -0.04 min
 Lab File: VU041825.D
 Acq: 28 Dec 2020 13:16

Tgt Ion: 75 Resp: 1508
 Ion Ratio Lower Upper
 75 100
 77 65.5 21.8 40.6#

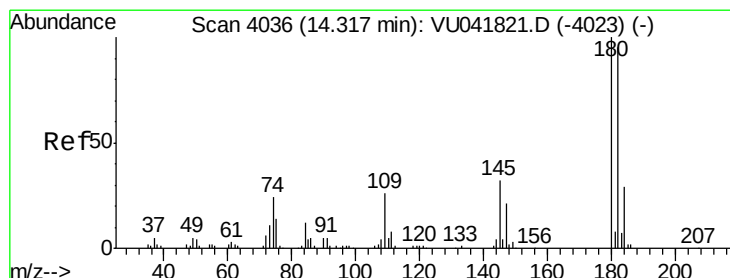
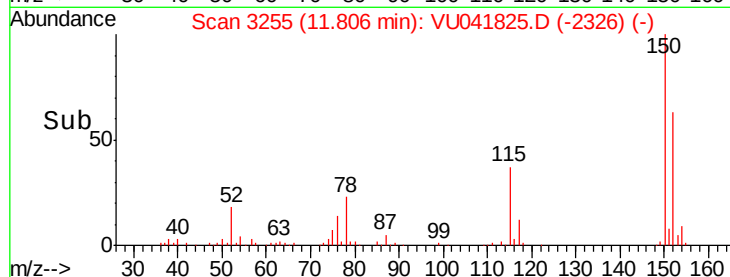
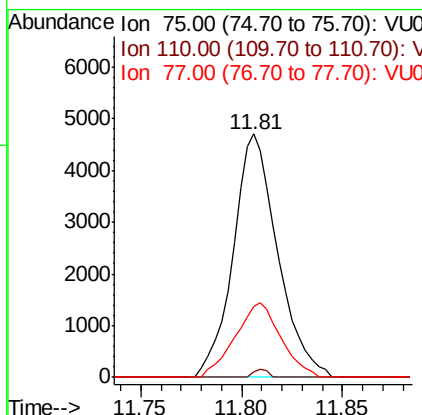
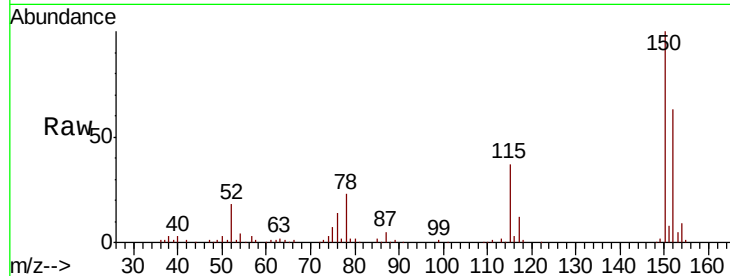




#61
 1,2,3-Trichloropropane
 Concen: 0.963 ug/L
 RT: 11.81 min Scan# 3255
 Delta R.T. 0.99 min
 Lab File: VU041825.D
 Acq: 28 Dec 2020 13:16

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK211

Tot Ion: 75 Resp: 7233
 Ion Ratio Lower Upper
 75 100
 110 1.0 31.5 47.3#
 77 31.6 26.3 39.5



#72
 1,2,3-Trichlorobenzene
 Concen: 0.067 ug/L
 RT: 14.32 min Scan# 4037
 Delta R.T. 0.00 min
 Lab File: VU041825.D
 Acq: 28 Dec 2020 13:16

Tgt Ion: 180 Resp: 707
 Ion Ratio Lower Upper
 180 100
 182 64.5 75.8 113.8#
 145 15.6 25.0 37.4#

