

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU102820\
 Data File : VU040996.D
 Acq On : 28 Oct 2020 14:07
 Operator : SY/MD
 Sample : VIBLK01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK01

Quant Time: Oct 29 02:17:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SFAMUTR102820WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 29 01:58:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	63737	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	65005	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.81	152	26116	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	22658	5.28	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	105.60%
7) Chloroethane-d5	1.92	69	19291	5.50	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	110.00%
11) 1,1-Dichloroethene-d2	2.58	65	11004	5.31	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	106.20%
20) 2-Butanone-d5	4.66	46	86622	48.48	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.96%
24) Chloroform-d	5.08	84	43031	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.00%
26) 1,2-Dichloroethane-d4	5.72	65	27810	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.00%
32) Benzene-d6	5.74	84	78906	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.20%
36) 1,2-Dichloropropane-d6	6.70	67	27666	5.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.00%
41) Toluene-d8	7.91	98	62733	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.60%
43) trans-1,3-Dichloropropene-	8.19	79	10909	4.69	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.80%
46) 2-Hexanone-d5	8.64	63	61416	48.59	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.18%
56) 1,1,2,2-Tetrachloroethane-	10.75	84	23342	4.60	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.00%
66) 1,2-Dichlorobenzene-d4	12.19	152	24166	5.52	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.40%

Target Compounds

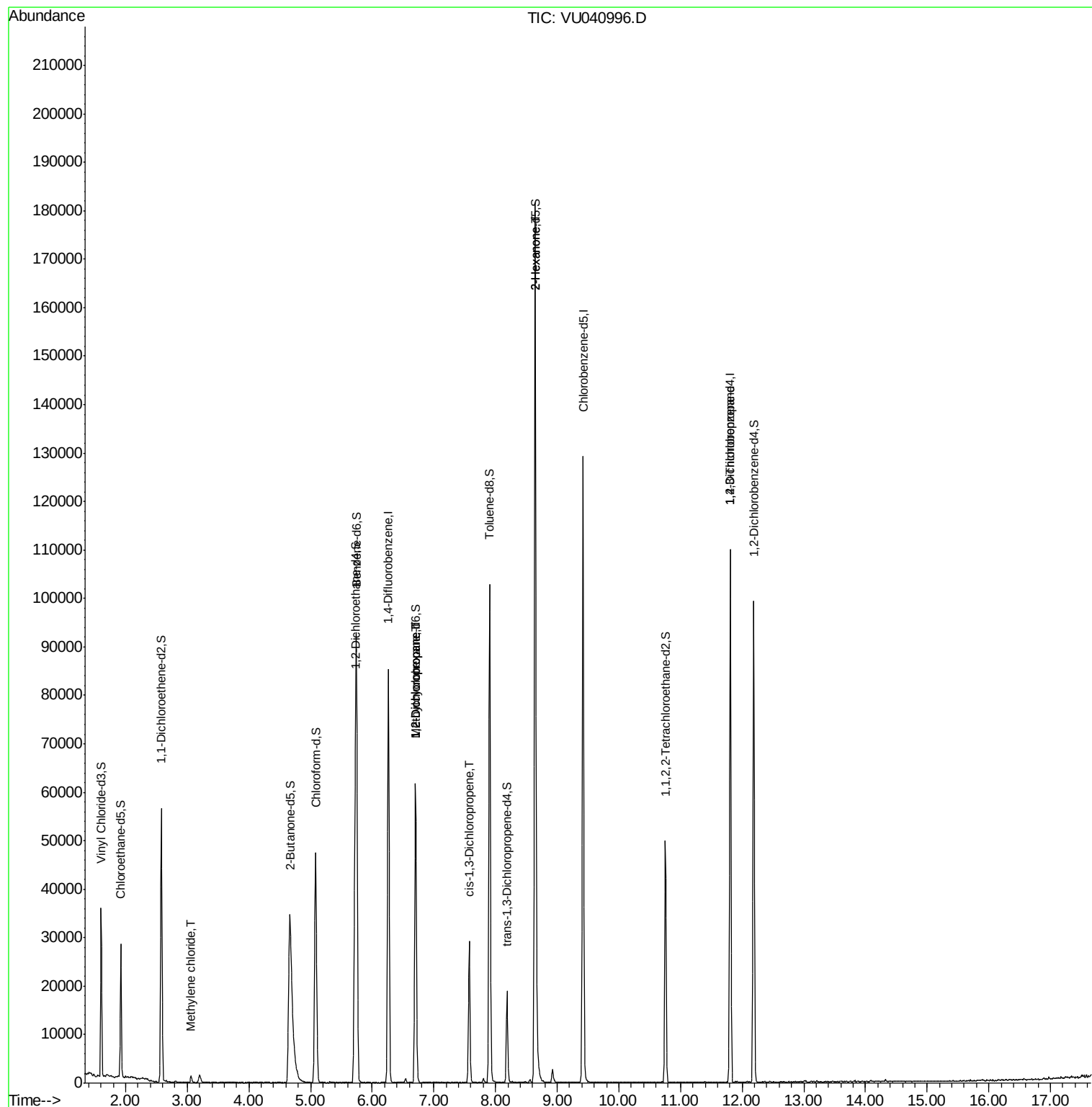
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
16) Methylene chloride	3.06	84	631	0.122	ug/L	94
35) Methylcyclohexane	6.70	83	6131	0.875	ug/L #	14
37) 1,2-Dichloropropane	6.71	63	3177	0.592	ug/L #	89
39) cis-1,3-Dichloropropene	7.57	75	818	0.115	ug/L	88
48) 2-Hexanone	8.64	43	8677	2.853	ug/L #	69
61) 1,2,3-Trichloropropane	11.81	75	3721	1.181	ug/L #	65

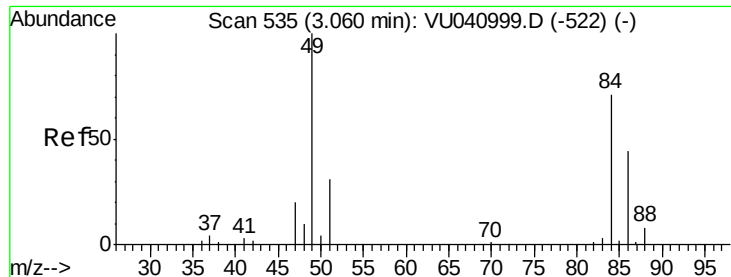
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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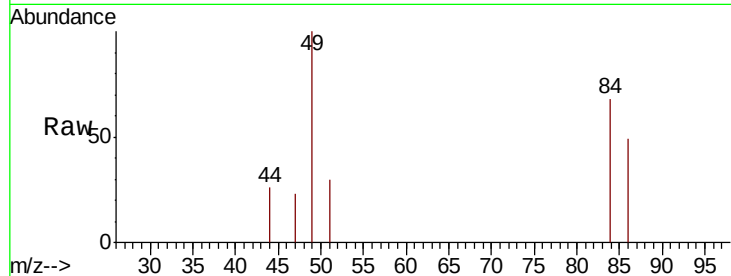




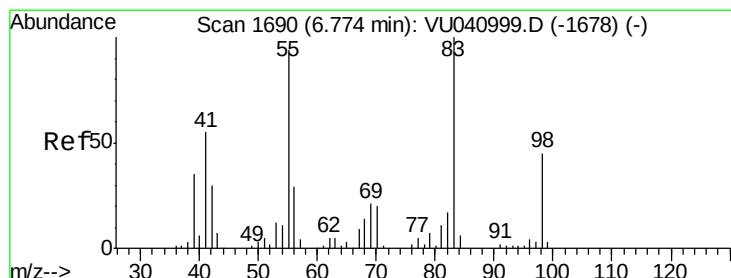
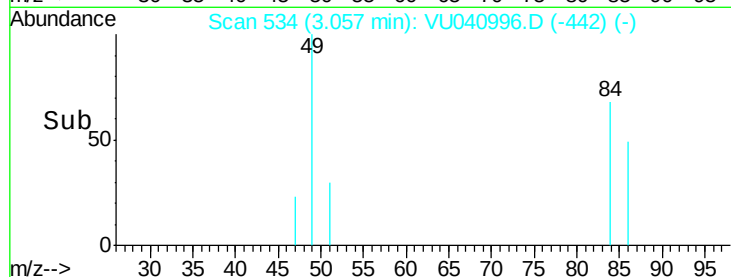
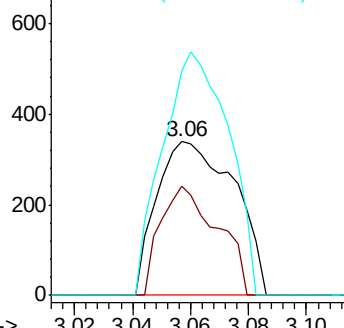
#16
Methylene chloride
Concen: 0.122 ug/L
RT: 3.06 min Scan# 534
Delta R.T. -0.00 min
Lab File: VU040996.D
Acq: 28 Oct 2020 14:07

Instrument :
MSVOA_U
ClientSampleId :
VIBLK01

Tot Ion: 84 Resp: 631
Ion Ratio Lower Upper
84 100
86 71.1 44.2 82.0
49 146.0 99.3 184.3

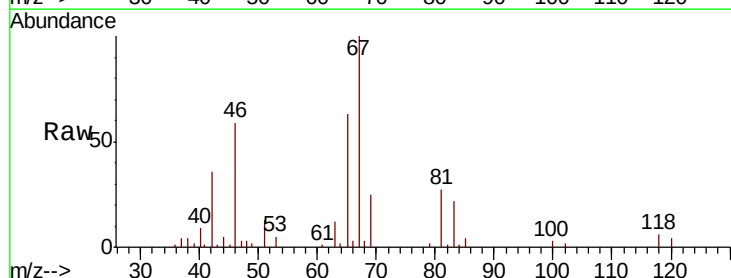


Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

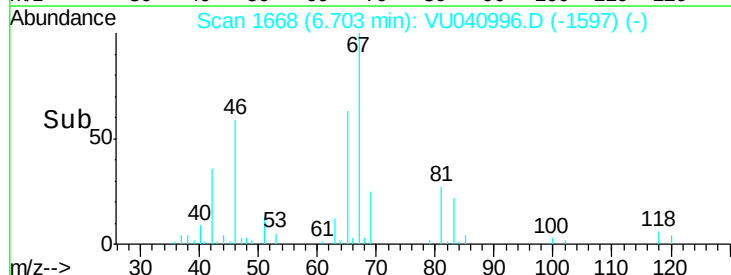
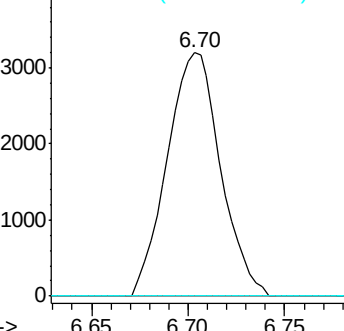


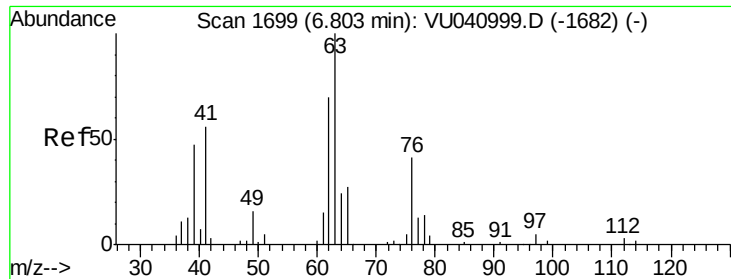
#35
Methylcyclohexane
Concen: 0.875 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU040996.D
Acq: 28 Oct 2020 14:07

Tgt Ion: 83 Resp: 6131
Ion Ratio Lower Upper
83 100
55 0.0 72.7 109.1#
98 2.2 35.7 53.5#



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

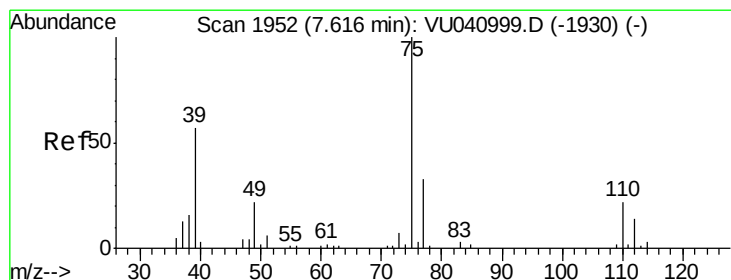
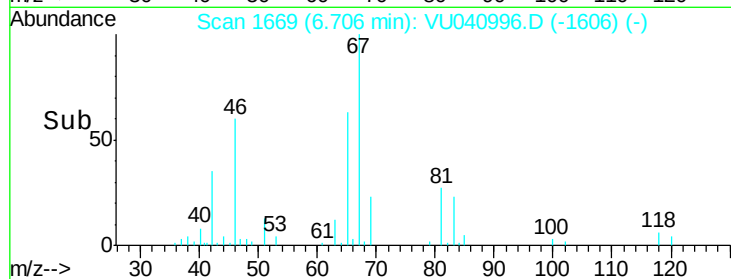
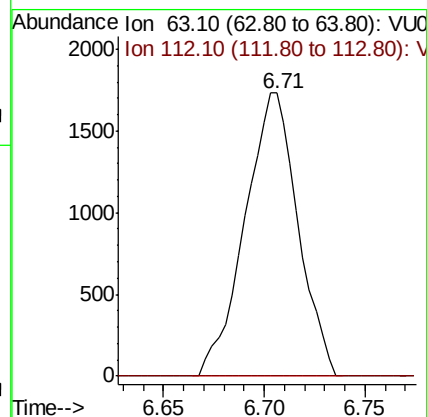
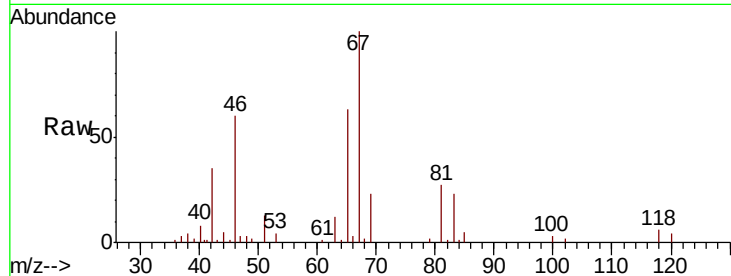




#37
 1,2-Dichloropropane
 Concen: 0.592 ug/L
 RT: 6.71 min Scan# 1669
 Delta R.T. -0.10 min
 Lab File: VU040996.D
 Acq: 28 Oct 2020 14:07

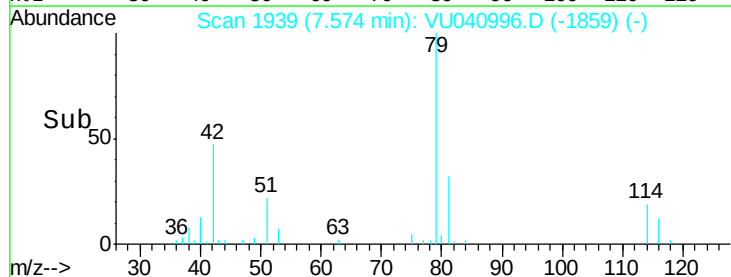
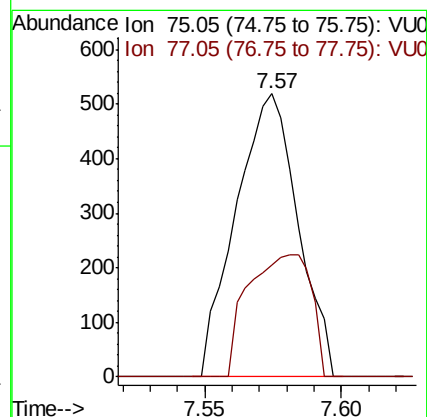
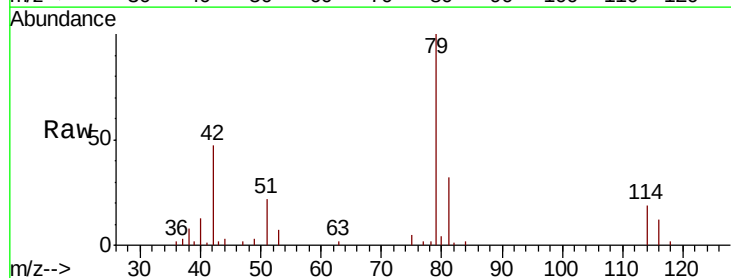
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 VIBLK01

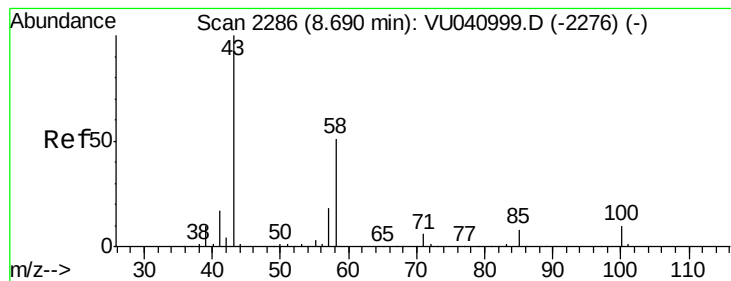
Tot Ion: 63 Resp: 3177
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.4#



#39
 cis-1,3-Dichloropropene
 Concen: 0.115 ug/L
 RT: 7.57 min Scan# 1939
 Delta R.T. -0.04 min
 Lab File: VU040996.D
 Acq: 28 Oct 2020 14:07

Tgt Ion: 75 Resp: 818
 Ion Ratio Lower Upper
 75 100
 77 39.5 22.7 42.3





#48

2-Hexanone

Concen: 2.853 ug/L

RT: 8.64 min Scan# 2271

Delta R.T. -0.05 min

Lab File: VU040996.D

Acq: 28 Oct 2020 14:07

Instrument :

MSVOA_U

ClientSampleId :

VIBLK01

Tot Ion: 43 Resp: 8677

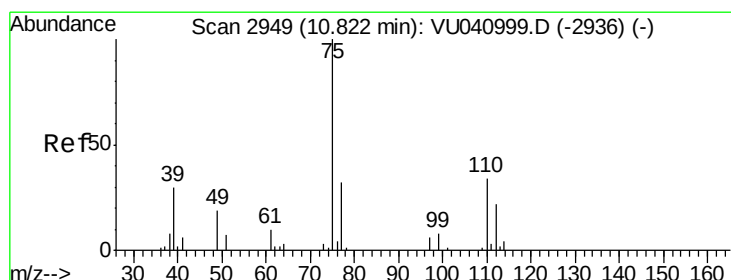
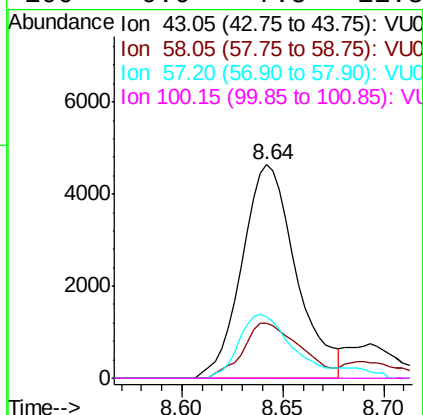
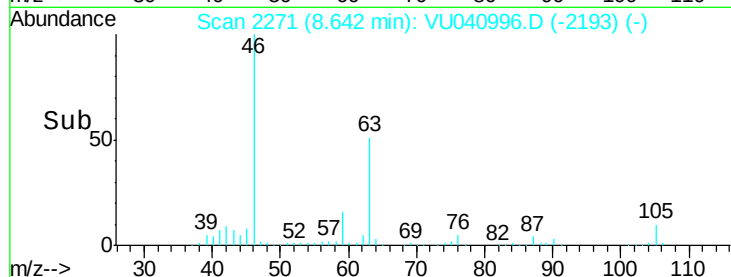
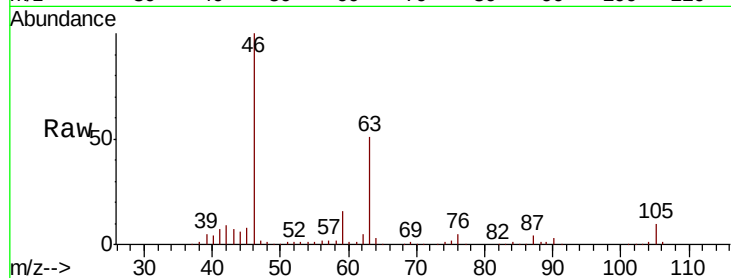
Ion Ratio Lower Upper

43 100

58 27.0 39.9 59.9#

57 29.6 14.1 21.1#

100 0.0 7.5 11.3#



#61

1,2,3-Trichloropropane

Concen: 1.181 ug/L

RT: 11.81 min Scan# 3257

Delta R.T. 0.99 min

Lab File: VU040996.D

Acq: 28 Oct 2020 14:07

Tgt Ion: 75 Resp: 3721

Ion Ratio Lower Upper

75 100

110 0.0 27.5 41.3#

77 35.8 24.9 37.3

