

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121520\
 Data File : VU041643.D
 Acq On : 15 Dec 2020 17:55
 Operator : SY/MD
 Sample : L5029-07DL 250X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB1K5DL

Quant Time: Dec 16 04:36:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Dec 16 04:34:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	116148	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	114789	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	50838	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	29479	3.25	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	65.00%
7) Chloroethane-d5	1.92	69	29797	4.24	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.80%
11) 1,1-Dichloroethene-d2	2.58	63	49603	2.97	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.40%#
20) 2-Butanone-d5	4.66	46	141324	54.18	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.36%
24) Chloroform-d	5.08	84	73939	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.00%
26) 1,2-Dichloroethane-d4	5.72	65	44902	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.80%
32) Benzene-d6	5.74	84	142863	4.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.00%
36) 1,2-Dichloropropane-d6	6.70	67	46468	4.51	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.20%
41) Toluene-d8	7.90	98	122543	4.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.60%
43) trans-1,3-Dichloropropene-	8.18	79	19187	4.14	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.80%
46) 2-Hexanone-d5	8.64	63	110847	43.76	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.52%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	48843	5.22	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	47216	5.22	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.40%

Target Compounds

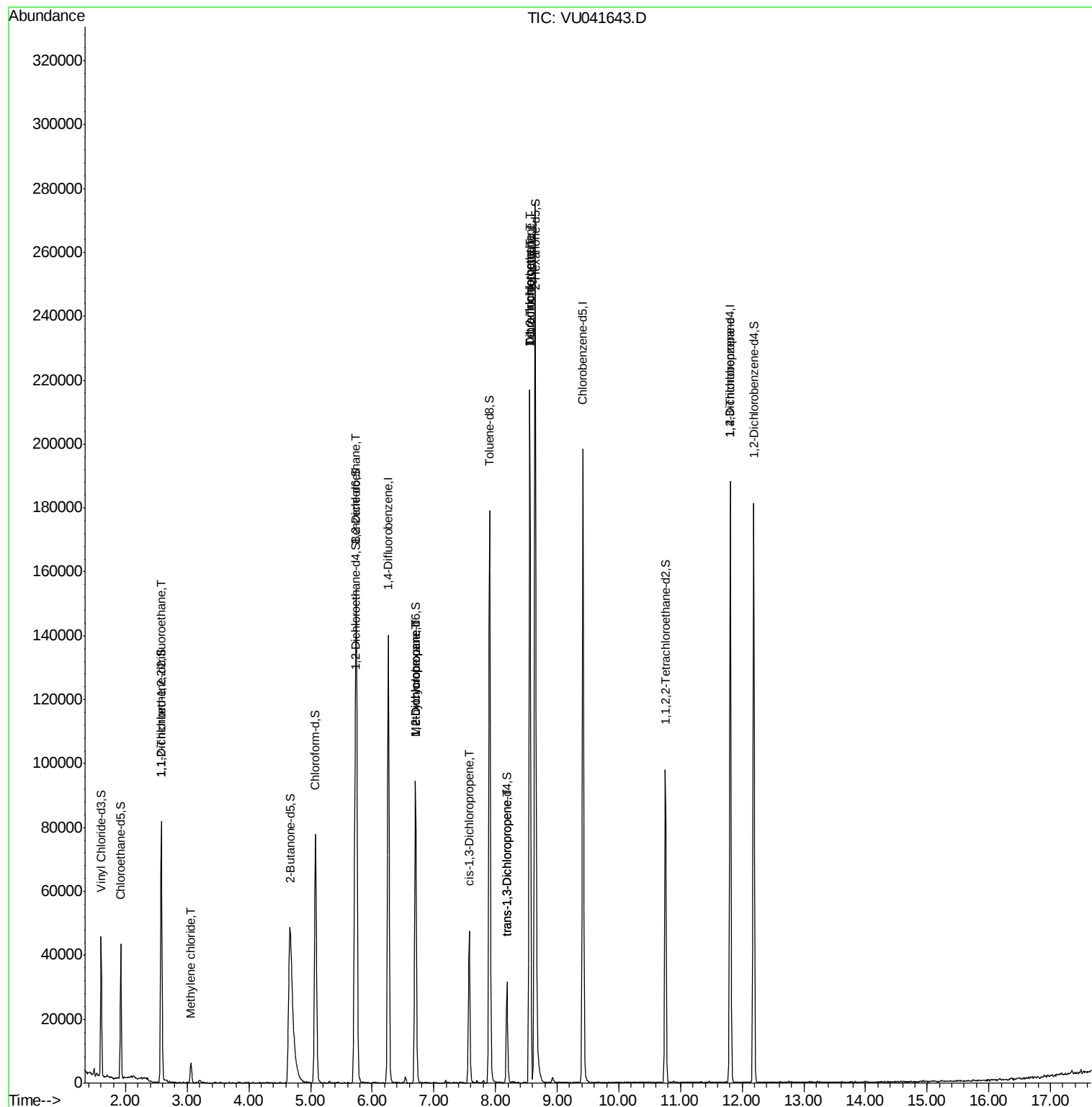
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	361	0.045	ug/L #	22
16) Methylene chloride	3.06	84	3159	0.336	ug/L	91
27) 1,2-Dichloroethane	5.74	62	885	0.085	ug/L #	73
35) Methylcyclohexane	6.70	83	11247	0.754	ug/L #	19
37) 1,2-Dichloropropane	6.70	63	4858	0.517	ug/L #	88
39) cis-1,3-Dichloropropene	7.57	75	1015	0.073	ug/L #	38
44) trans-1,3-Dichloropropene	8.19	75	675	0.054	ug/L	84
45) 1,1,2-Trichloroethane	8.57	97	410	0.059	ug/L #	52
47) Tetrachloroethene	8.56	164	48612	7.528	ug/L	97
49) Dibromochloromethane	8.56	129	47550	5.961	ug/L #	10
59) 1,2,3-Trichloropropane	11.81	75	5531	0.784	ug/L	100

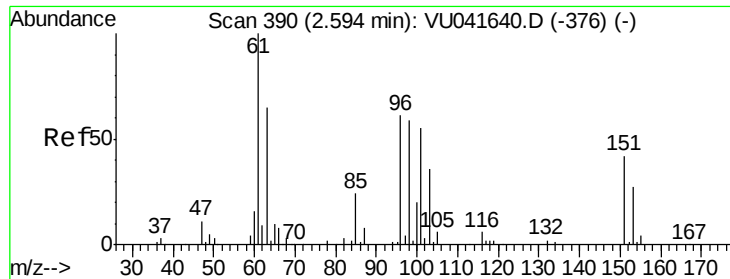
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.045 ug/L

RT: 2.59 min Scan# 388

Delta R.T. -0.01 min

Lab File: VU041643.D

Acq: 15 Dec 2020 17:55

Instrument :

MSVOA_U

ClientSampleId :

GB1K5DL

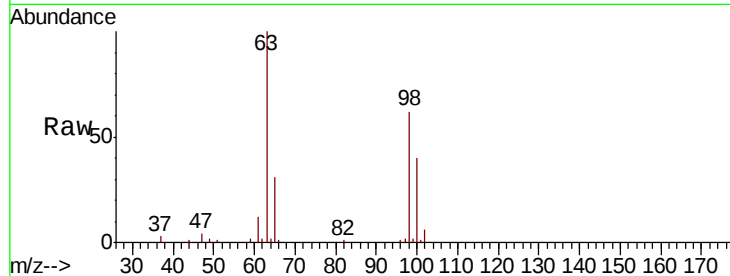
Tot Ion:101 Resp: 361

Ion Ratio Lower Upper

101 100

85 0.0 33.6 50.4#

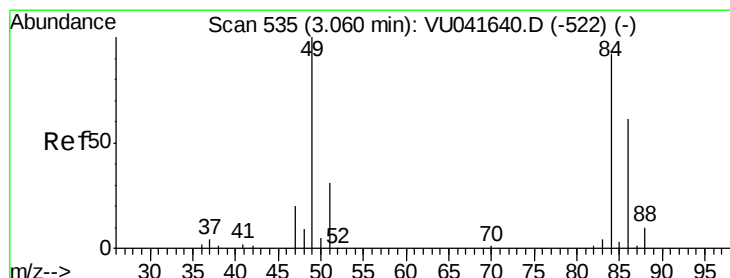
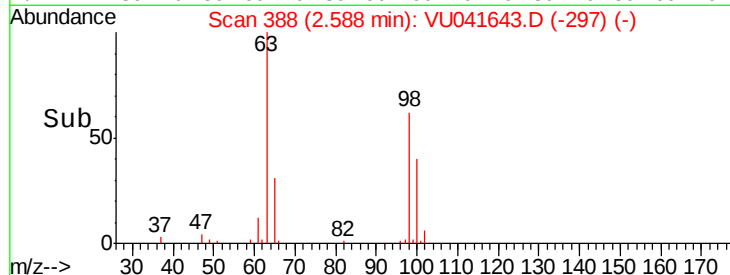
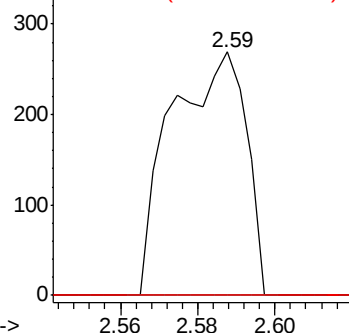
151 0.0 56.2 84.4#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#16

Methylene chloride

Concen: 0.336 ug/L

RT: 3.06 min Scan# 534

Delta R.T. -0.00 min

Lab File: VU041643.D

Acq: 15 Dec 2020 17:55

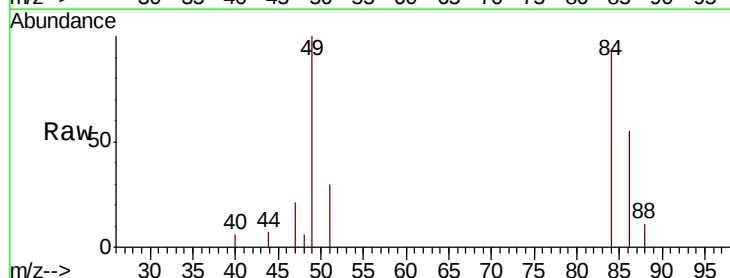
Tgt Ion: 84 Resp: 3159

Ion Ratio Lower Upper

84 100

86 59.3 45.1 83.7

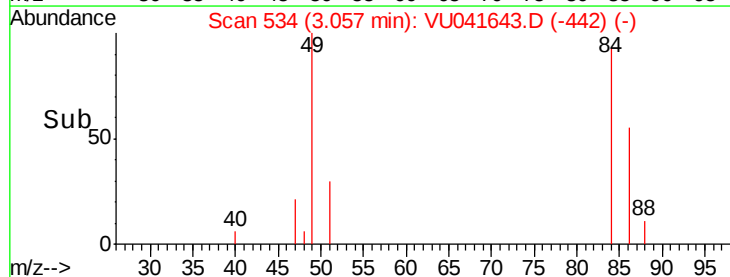
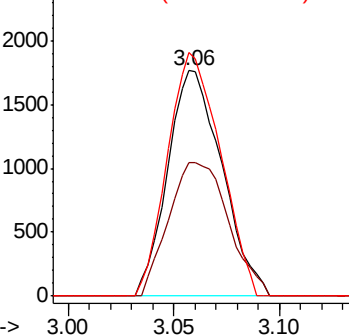
49 108.0 83.1 154.3

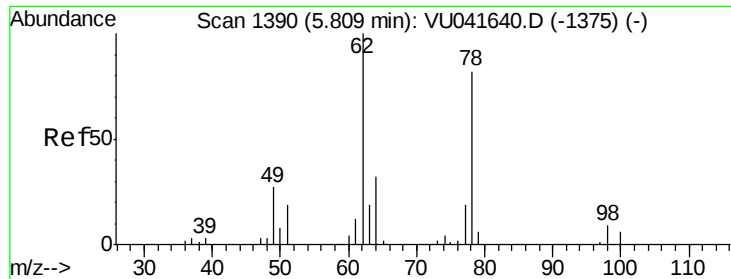


Abundance Ion 84.05 (83.75 to 84.75): VU0

Ion 86.00 (85.70 to 86.70): VU0

Ion 49.10 (48.80 to 49.80): VU0

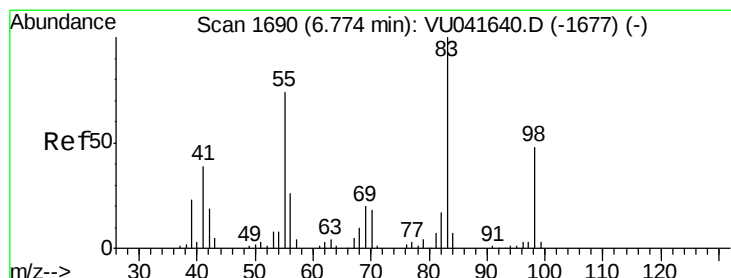
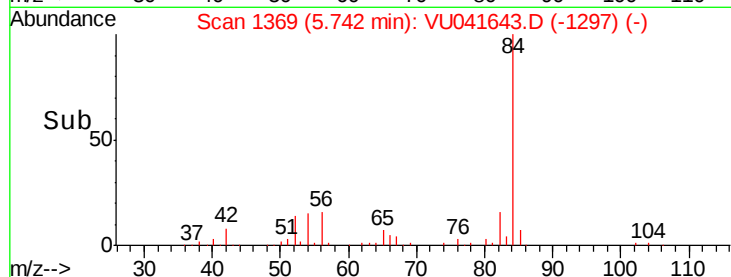
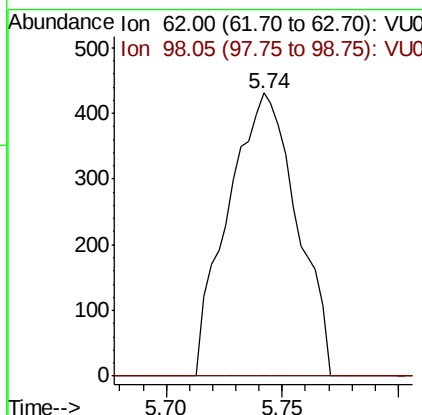
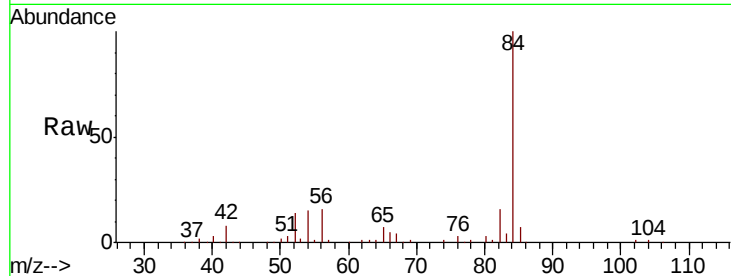




#27
 1,2-Dichloroethane
 Concen: 0.085 ug/L
 RT: 5.74 min Scan# 1369
 Delta R.T. -0.07 min
 Lab File: VU041643.D
 Acq: 15 Dec 2020 17:55

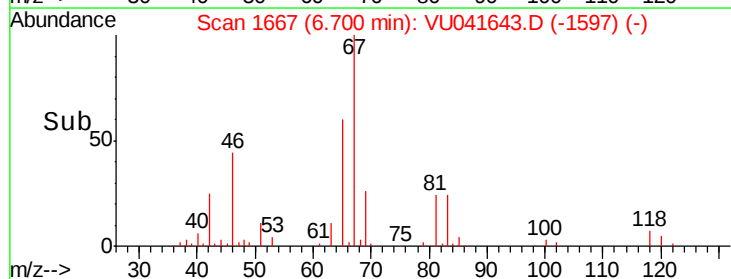
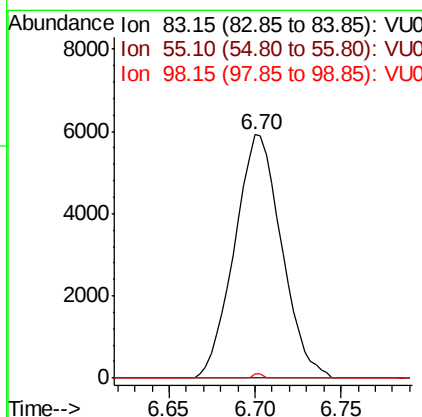
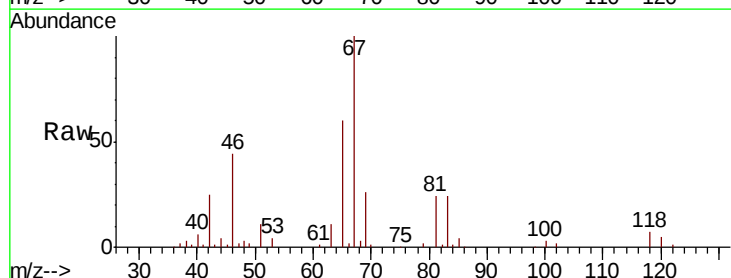
Instrument :
 MSVOA_U
 ClientSampleId :
 GB1K5DL

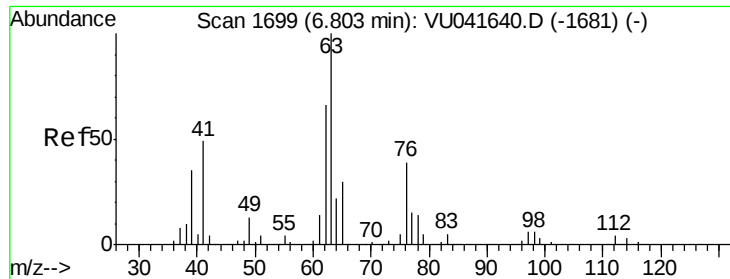
Tot Ion: 62 Resp: 885
 Ion Ratio Lower Upper
 62 100
 98 0.0 8.2 12.2#



#35
 Methylcyclohexane
 Concen: 0.754 ug/L
 RT: 6.70 min Scan# 1667
 Delta R.T. -0.07 min
 Lab File: VU041643.D
 Acq: 15 Dec 2020 17:55

Tgt Ion: 83 Resp: 11247
 Ion Ratio Lower Upper
 83 100
 55 0.0 61.2 91.8#
 98 0.4 36.6 54.8#

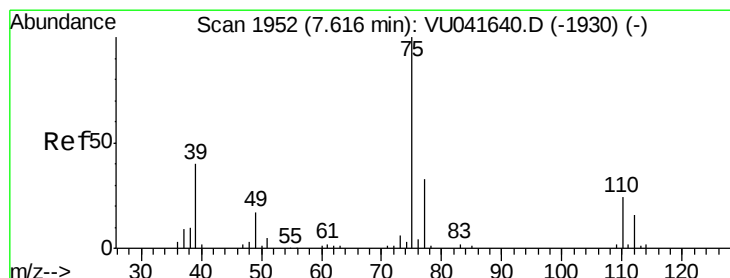
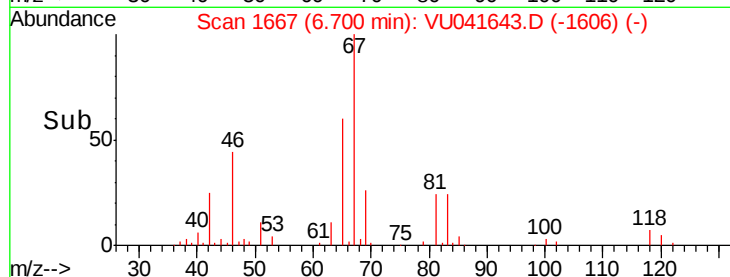
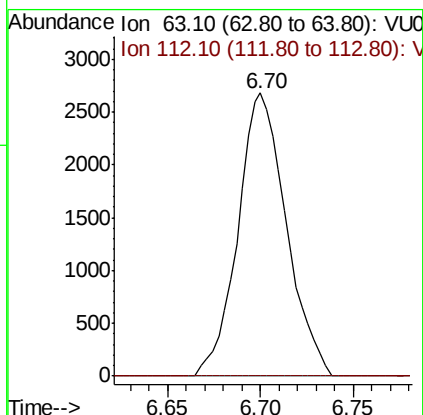
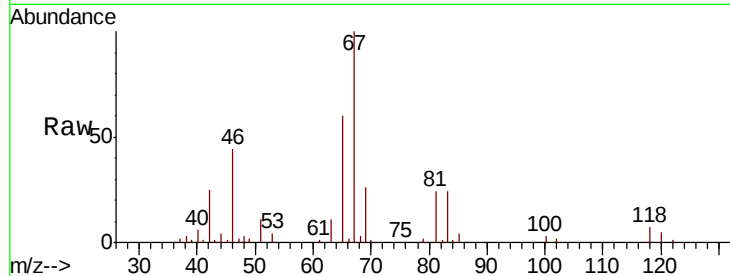




#37
 1,2-Dichloropropane
 Concen: 0.517 ug/L
 RT: 6.70 min Scan# 1667
 Delta R.T. -0.10 min
 Lab File: VU041643.D
 Acq: 15 Dec 2020 17:55

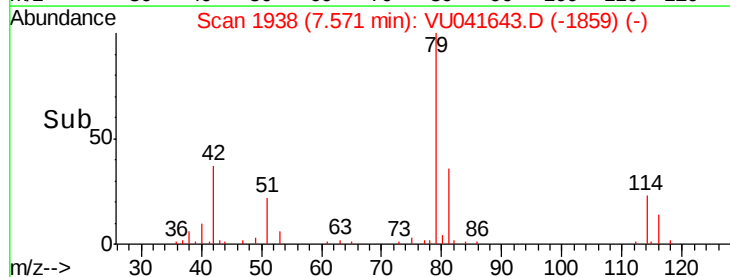
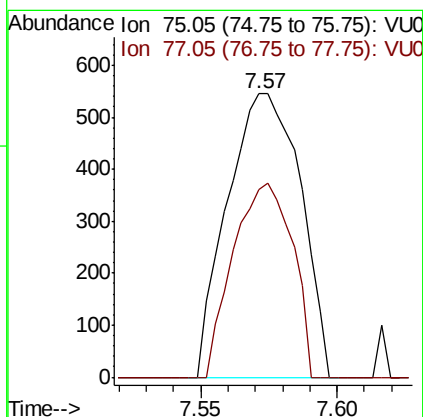
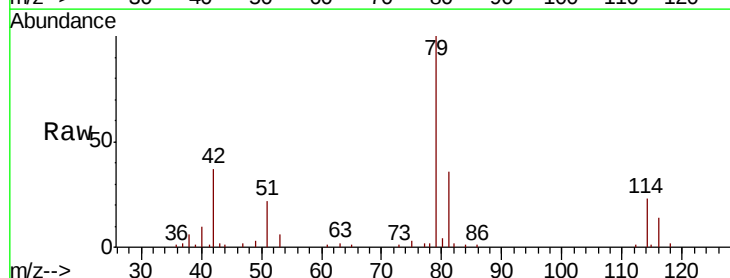
Instrument :
 MSVOA_U
 ClientSampleId :
 GB1K5DL

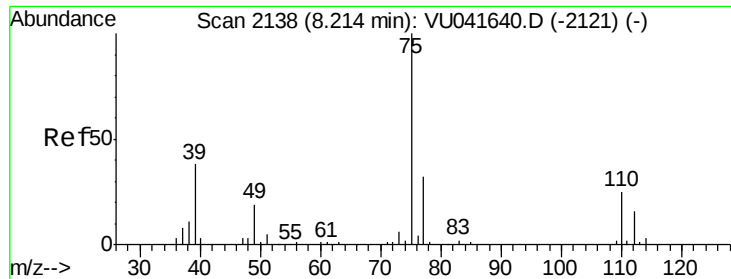
Tot Ion: 63 Resp: 4858
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.1 4.7#



#39
 cis-1,3-Dichloropropene
 Concen: 0.073 ug/L
 RT: 7.57 min Scan# 1938
 Delta R.T. -0.04 min
 Lab File: VU041643.D
 Acq: 15 Dec 2020 17:55

Tgt Ion: 75 Resp: 1015
 Ion Ratio Lower Upper
 75 100
 77 66.1 22.3 41.3#

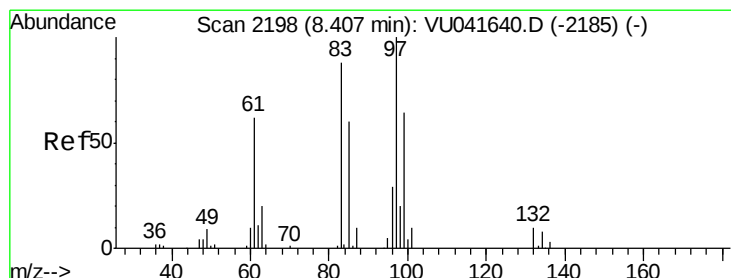
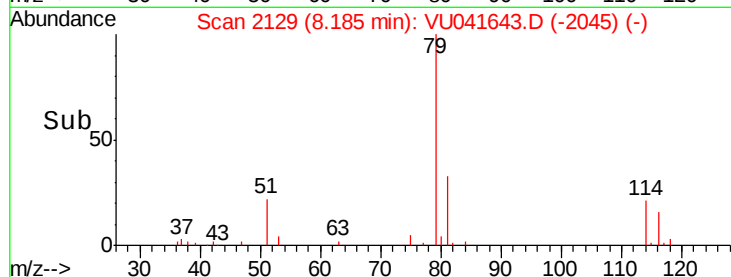
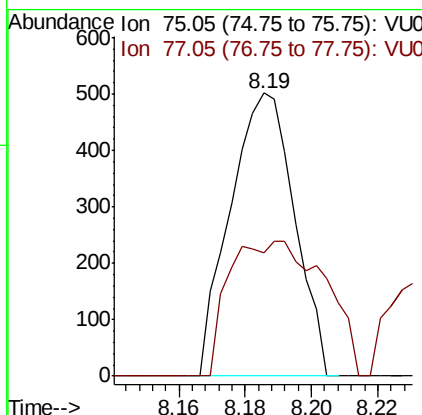
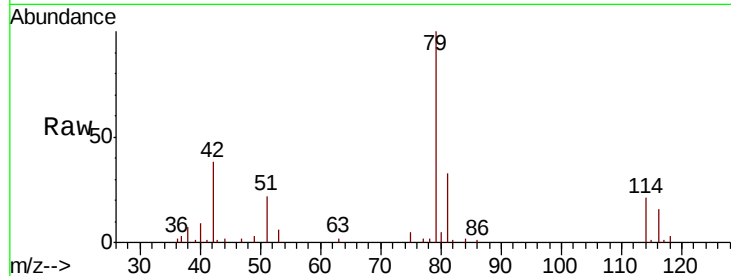




#44
trans-1,3-Dichloropropene
Concen: 0.054 ug/L
RT: 8.19 min Scan# 2129
Delta R.T. -0.03 min
Lab File: VU041643.D
Acq: 15 Dec 2020 17:55

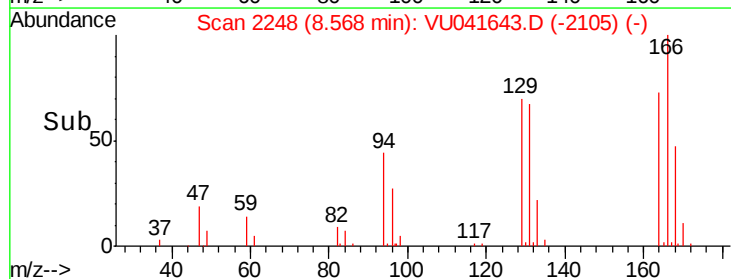
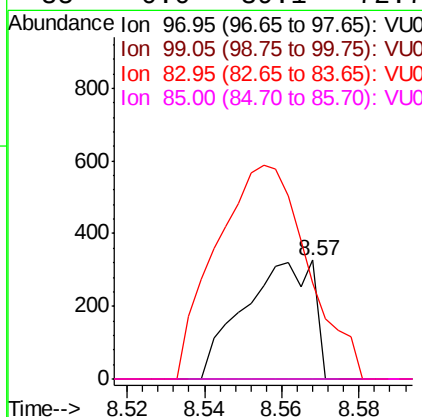
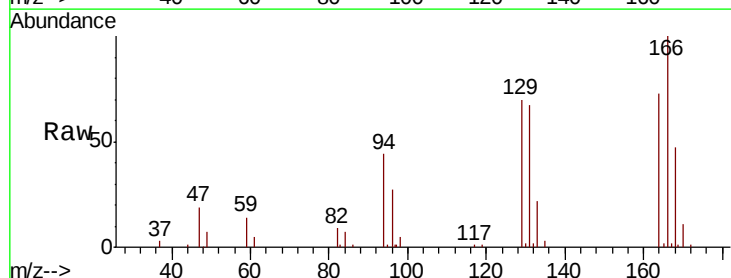
Instrument :
MSVOA_U
ClientSampleId :
GB1K5DL

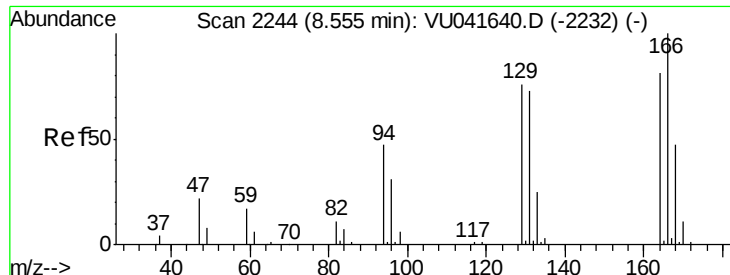
Tot Ion: 75 Resp: 675
Ion Ratio Lower Upper
75 100
77 43.4 23.8 44.2



#45
1,1,2-Trichloroethane
Concen: 0.059 ug/L
RT: 8.57 min Scan# 2248
Delta R.T. 0.16 min
Lab File: VU041643.D
Acq: 15 Dec 2020 17:55

Tgt Ion: 97 Resp: 410
Ion Ratio Lower Upper
97 100
99 0.0 42.1 78.3#
83 80.7 62.6 116.2
85 0.0 39.1 72.7#





#47

Tetrachloroethene

Concen: 7.528 ug/L

RT: 8.56 min Scan# 2244

Delta R.T. 0.00 min

Lab File: VU041643.D

Acq: 15 Dec 2020 17:55

Instrument :

MSVOA_U

ClientSampleId :

GB1K5DL

Tot Ion:164 Resp: 48612

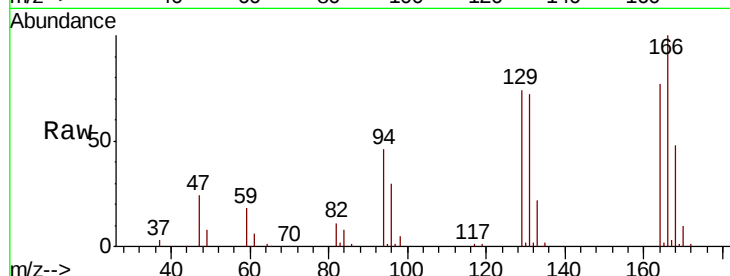
Ion Ratio Lower Upper

164 100

129 97.2 72.2 134.0

131 93.7 66.9 124.3

166 130.5 89.6 166.4



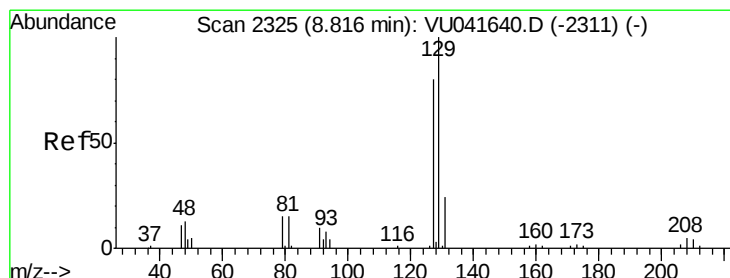
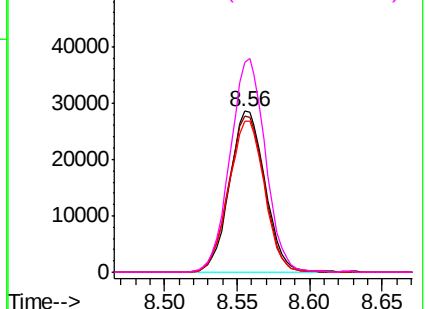
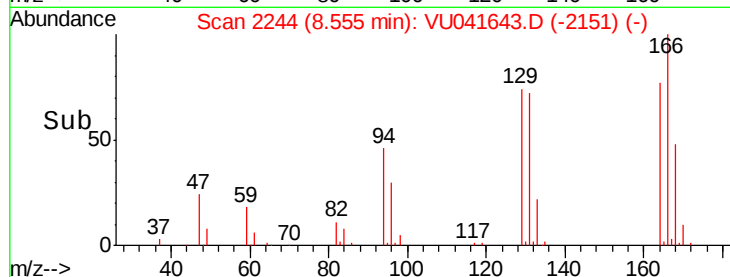
Abundance

Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V



#49

Dibromochloromethane

Concen: 5.961 ug/L

RT: 8.56 min Scan# 2244

Delta R.T. -0.26 min

Lab File: VU041643.D

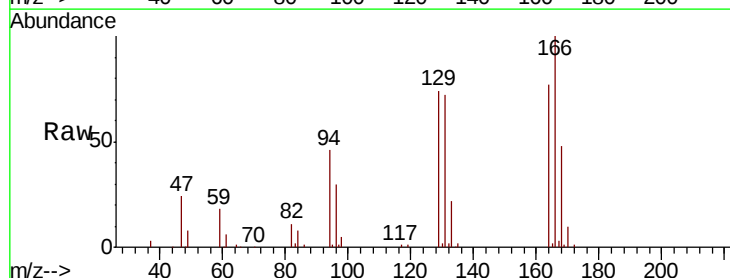
Acq: 15 Dec 2020 17:55

Tgt Ion:129 Resp: 47550

Ion Ratio Lower Upper

129 100

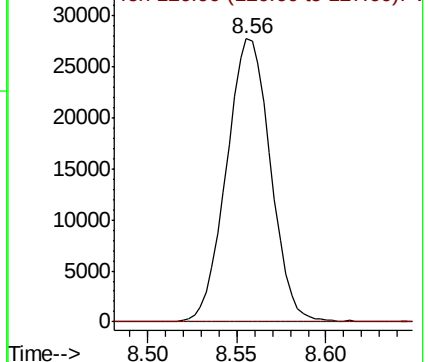
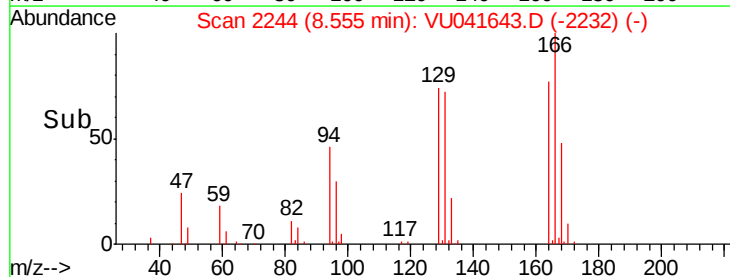
127 0.0 54.7 101.7#

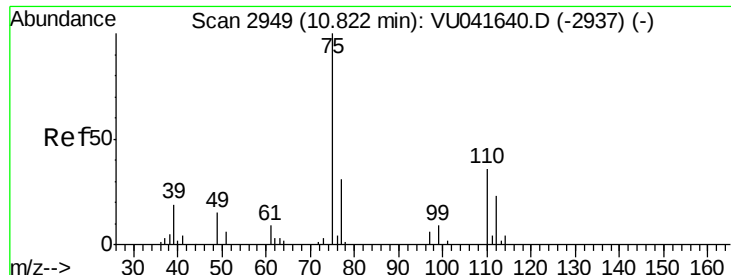


Abundance

Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V





#59

1,2,3-Trichloropropane

Concen: 0.784 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU041643.D

Acq: 15 Dec 2020 17:55

Instrument :

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ClientSampleId :

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Tot Ion: 75 Resp: 5531

Ion Ratio Lower Upper

75 100

77 32.8 26.2 39.2

