

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121820\
 Data File : VU041670.D
 Acq On : 18 Dec 2020 11:28
 Operator : SY/MD
 Sample : L5129-01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AL6

Quant Time: Dec 19 04:13:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Dec 19 04:12:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	125694	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	116857	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	54726	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	36173	3.68	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.60%
7) Chloroethane-d5	1.92	69	34438	4.53	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.60%
11) 1,1-Dichloroethene-d2	2.58	63	54666	3.02	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.40%
20) 2-Butanone-d5	4.66	46	146867	52.03	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.06%
24) Chloroform-d	5.08	84	74526	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.60%
26) 1,2-Dichloroethane-d4	5.72	65	44739	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.60%
32) Benzene-d6	5.74	84	146433	4.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.60%
36) 1,2-Dichloropropane-d6	6.70	67	46373	4.42	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.40%
41) Toluene-d8	7.90	98	133606	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.40%
43) trans-1,3-Dichloropropene-	8.18	79	22272	4.72	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.40%
46) 2-Hexanone-d5	8.64	63	139730	54.18	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.36%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	47121	4.94	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	46768	4.81	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.20%

Target Compounds

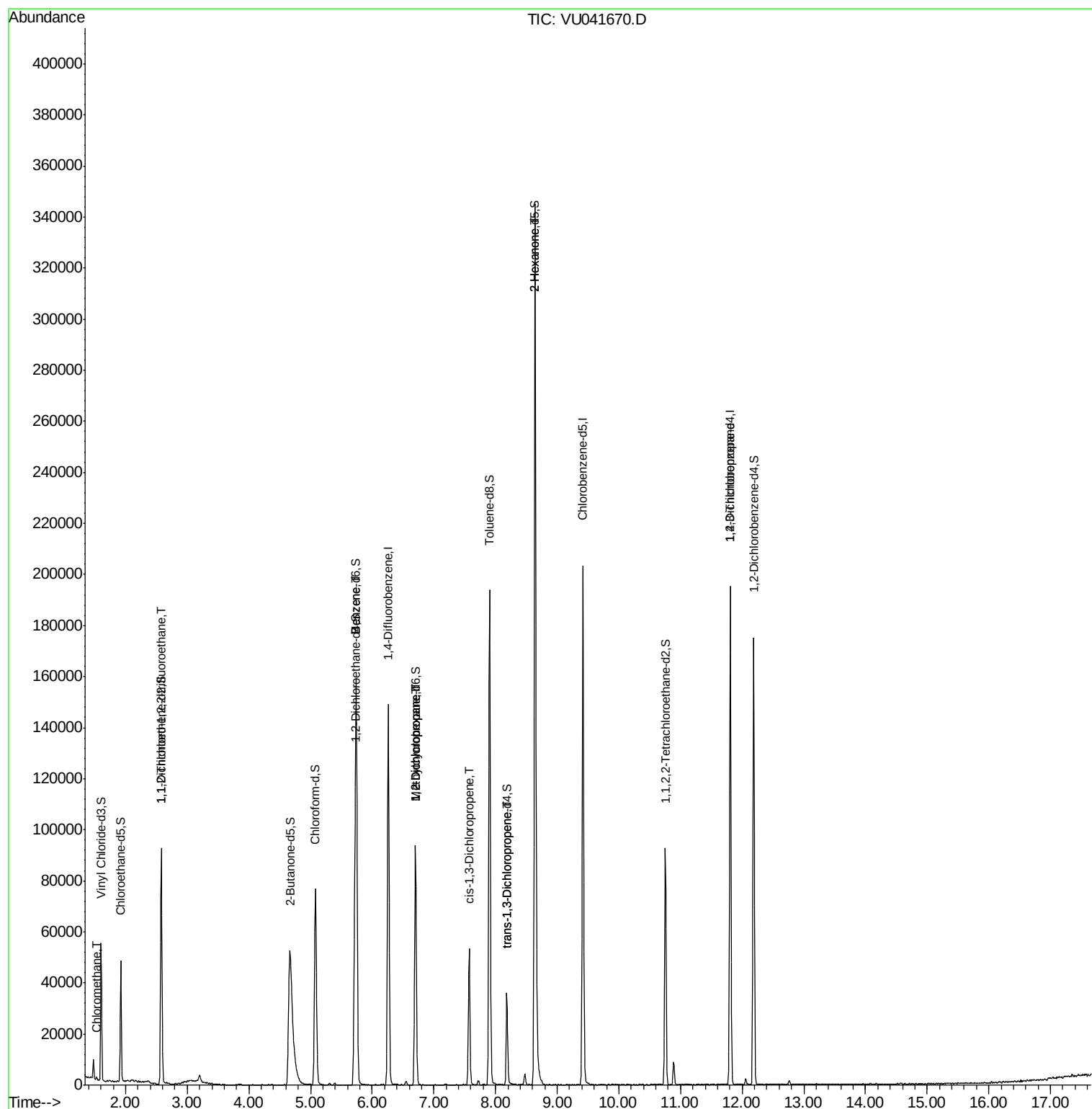
					Ovalue
3) Chloromethane	1.52	50	628	0.061 ug/L #	79
10) 1,1,2-Trichloro-1,2,2-trif	2.58	101	486	0.056 ug/L #	22
33) Benzene	5.74	78	1263	0.034 ug/L	100
35) Methylcyclohexane	6.70	83	11004	0.725 ug/L #	19
37) 1,2-Dichloropropane	6.70	63	4861	0.509 ug/L #	88
39) cis-1,3-Dichloropropene	7.58	75	1297	0.092 ug/L #	75
44) trans-1,3-Dichloropropene	8.18	75	820	0.065 ug/L #	77
48) 2-Hexanone	8.64	43	14802	2.990 ug/L #	68
59) 1,2,3-Trichloropropane	11.81	75	5802	0.808 ug/L	94

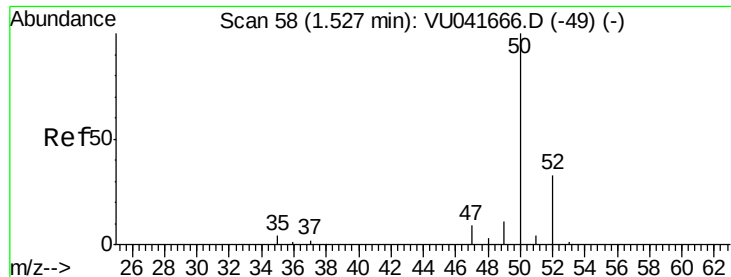
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Dec 19 04:12:21 2020
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.061 ug/L

RT: 1.52 min Scan# 57

Delta R.T. -0.00 min

Lab File: VU041670.D

Acq: 18 Dec 2020 11:28

Instrument :

MSVOA_U

ClientSampleId :

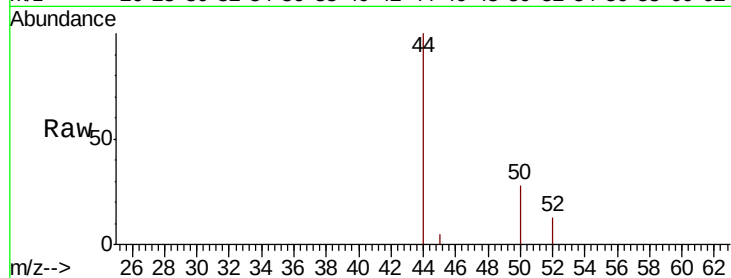
C0AL6

Tot Ion: 50 Resp: 628

Ion Ratio Lower Upper

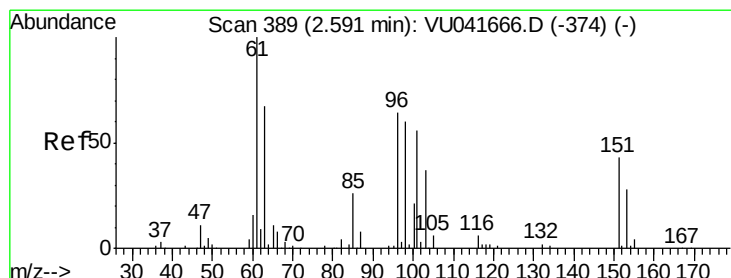
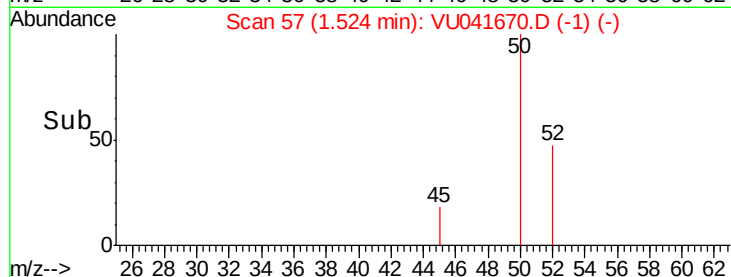
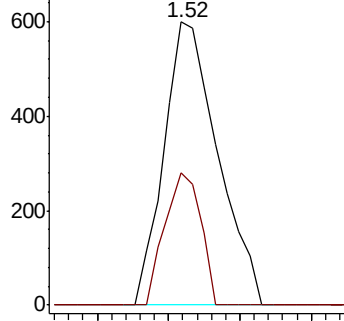
50 100

52 46.6 24.1 44.8#



Abundance Ion 50.05 (49.75 to 50.75): VU0

Ion 52.05 (51.75 to 52.75): VU0



#10

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

Concen: 0.056 ug/L

RT: 2.58 min Scan# 386

Delta R.T. -0.01 min

Lab File: VU041670.D

Acq: 18 Dec 2020 11:28

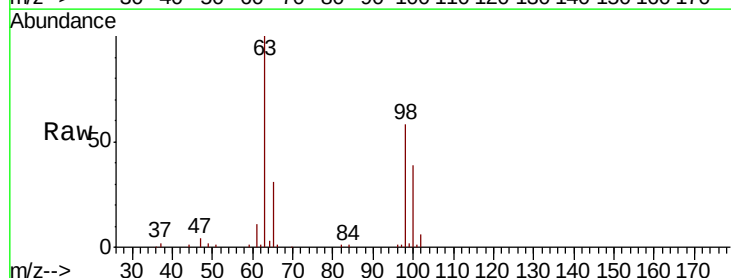
Tgt Ion:101 Resp: 486

Ion Ratio Lower Upper

101 100

85 0.0 33.6 50.4#

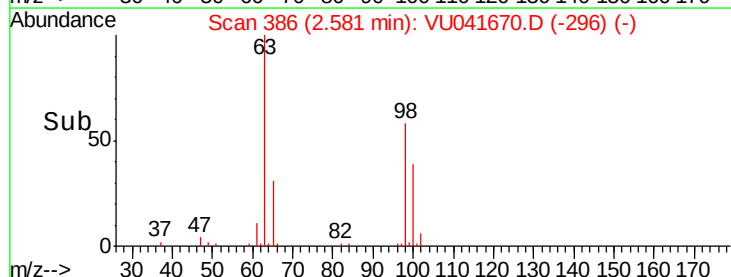
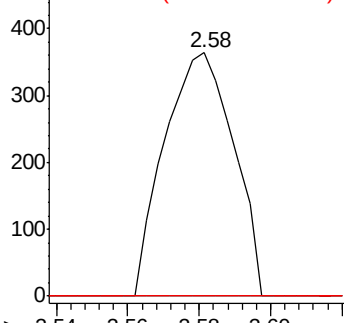
151 0.0 56.2 84.4#

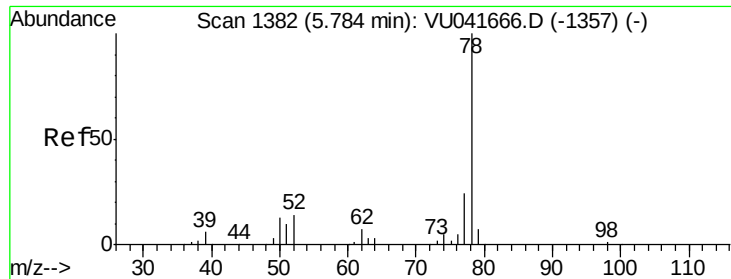


Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V





#33

Benzene

Concen: 0.034 ug/L

RT: 5.74 min Scan# 1367

Delta R.T. -0.05 min

Lab File: VU041670.D

Acq: 18 Dec 2020 11:28

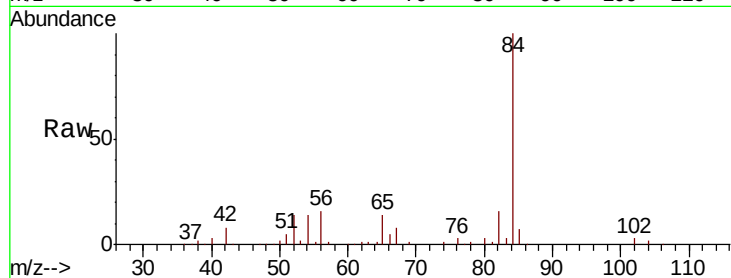
Instrument :

MSVOA_U

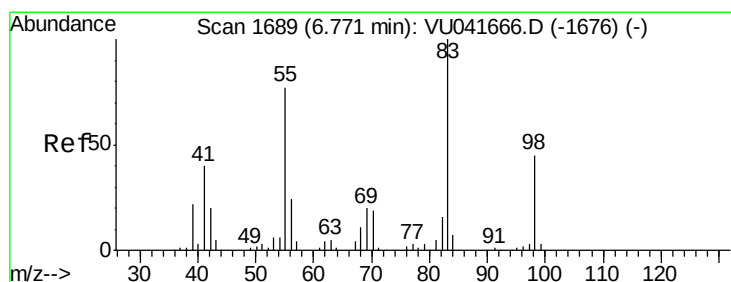
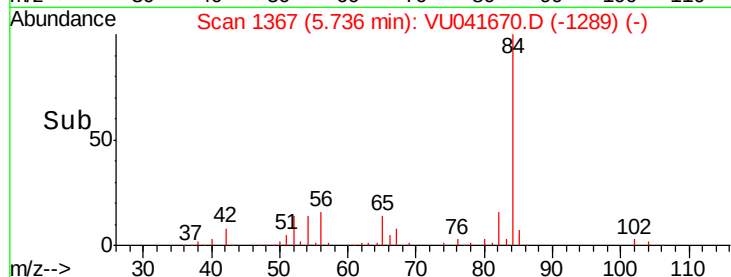
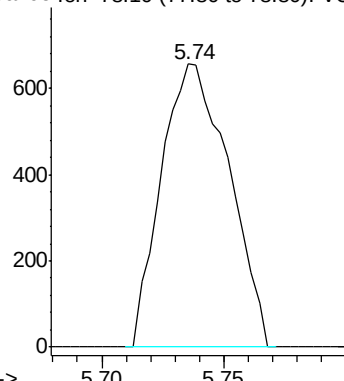
ClientSampleId :

C0AL6

Tgt Ion: 78 Resp: 1263



Abundance Ion 78.10 (77.80 to 78.80): VU0



#35

Methylcyclohexane

Concen: 0.725 ug/L

RT: 6.70 min Scan# 1668

Delta R.T. -0.07 min

Lab File: VU041670.D

Acq: 18 Dec 2020 11:28

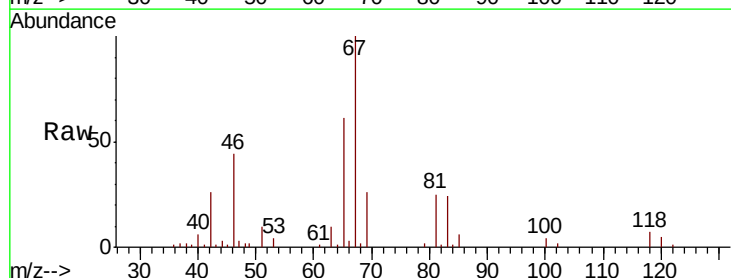
Tgt Ion: 83 Resp: 11004

Ion Ratio Lower Upper

83 100

55 0.0 61.2 91.8#

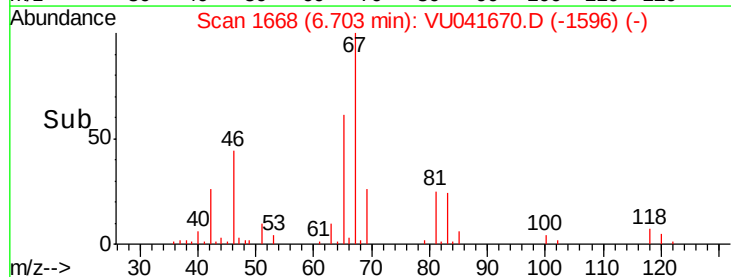
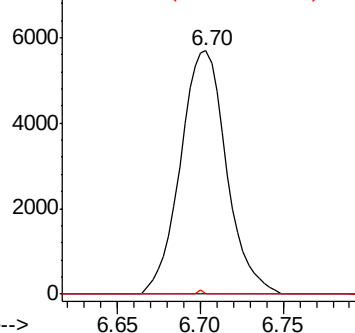
98 0.2 36.6 54.8#

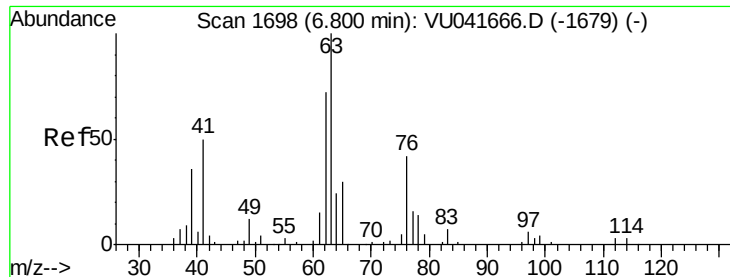


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0

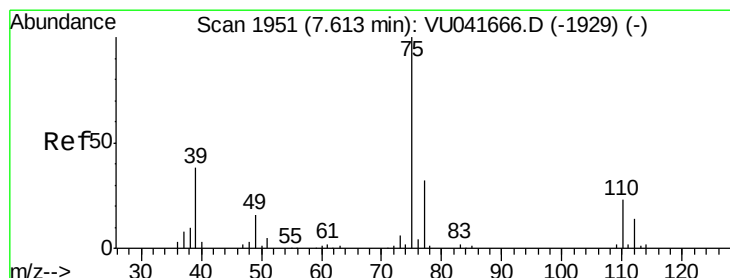
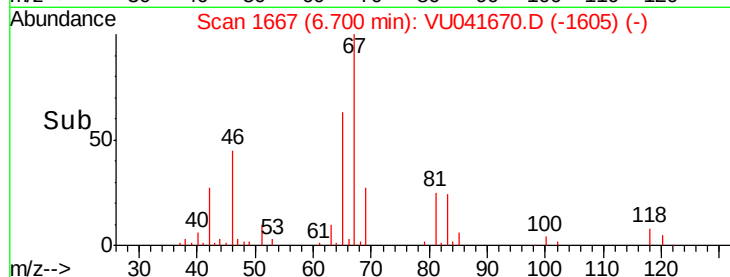
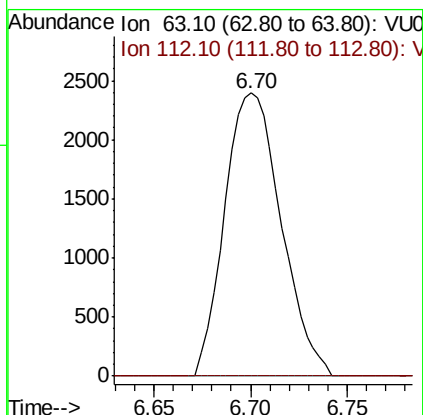
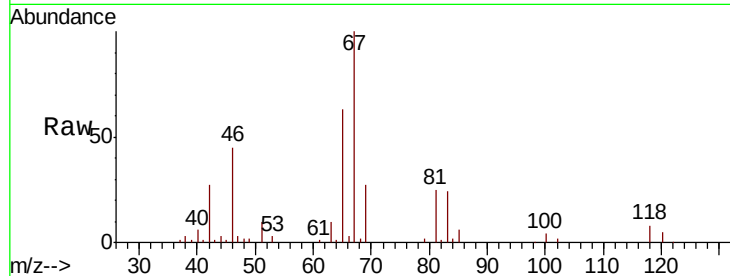




#37
 1,2-Dichloropropane
 Concen: 0.509 ug/L
 RT: 6.70 min Scan# 1667
 Delta R.T. -0.10 min
 Lab File: VU041670.D
 Acq: 18 Dec 2020 11:28

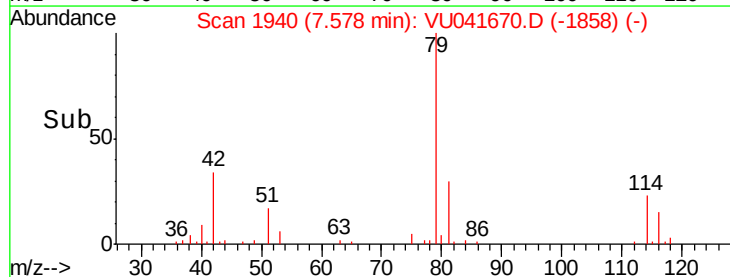
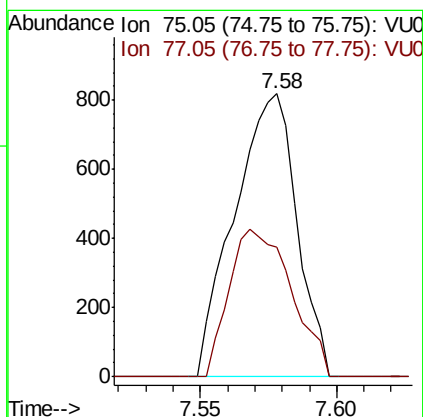
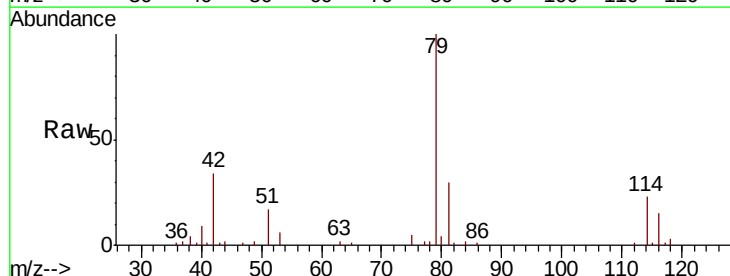
Instrument :
 MSVOA_U
 ClientSampleId :
 C0AL6

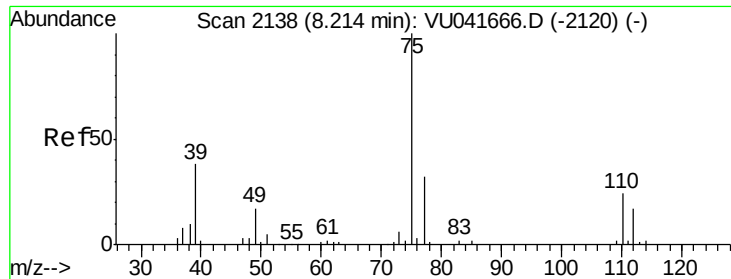
Tot Ion: 63 Resp: 4861
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.1 4.7#



#39
 cis-1,3-Dichloropropene
 Concen: 0.092 ug/L
 RT: 7.58 min Scan# 1940
 Delta R.T. -0.04 min
 Lab File: VU041670.D
 Acq: 18 Dec 2020 11:28

Tgt Ion: 75 Resp: 1297
 Ion Ratio Lower Upper
 75 100
 77 45.7 22.3 41.3#

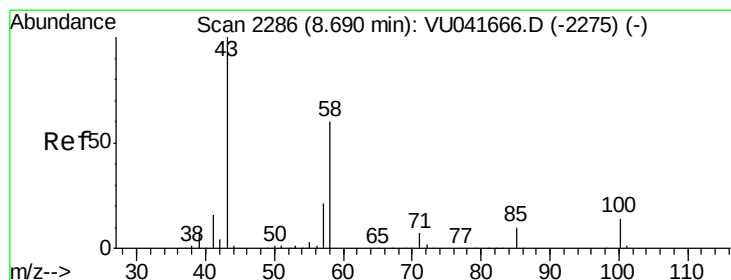
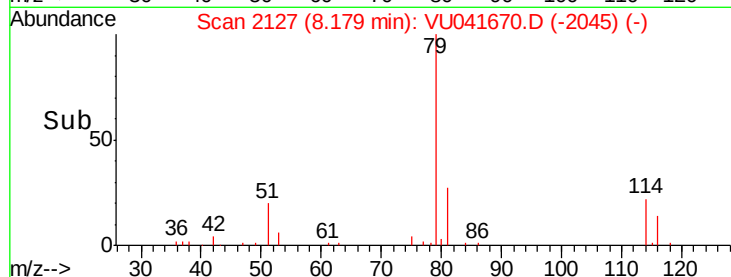
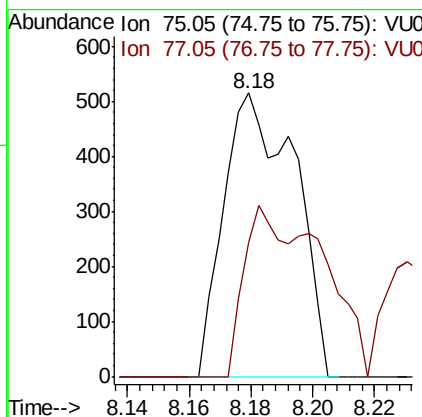
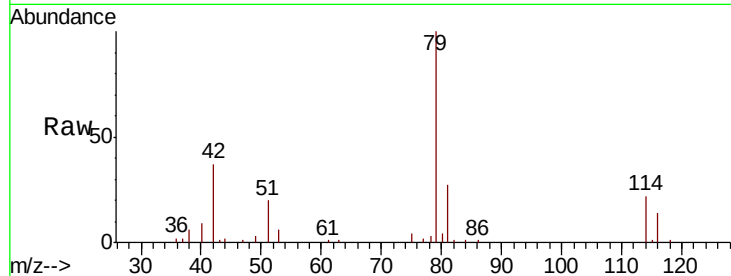




#44
trans-1,3-Dichloropropene
Concen: 0.065 ug/L
RT: 8.18 min Scan# 2127
Delta R.T. -0.04 min
Lab File: VU041670.D
Acq: 18 Dec 2020 11:28

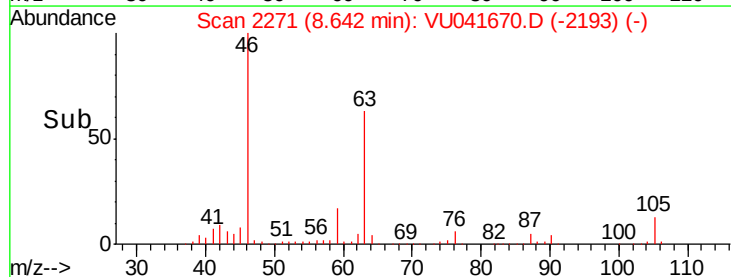
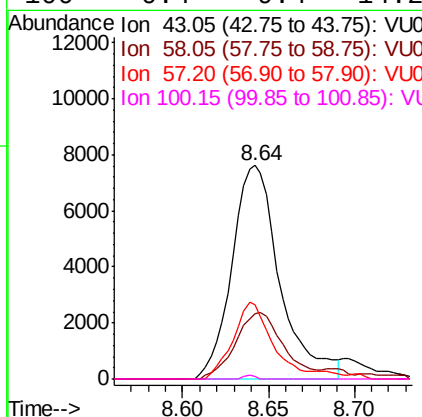
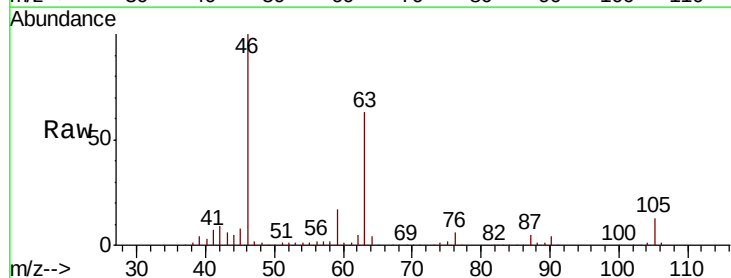
Instrument :
MSVOA_U
ClientSampled :
C0AL6

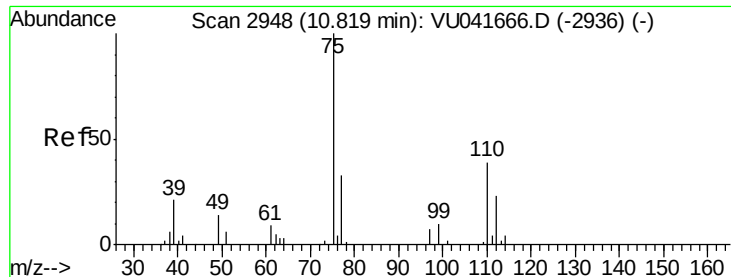
Tot Ion: 75 Resp: 820
Ion Ratio Lower Upper
75 100
77 47.4 23.8 44.2#



#48
2-Hexanone
Concen: 2.990 ug/L
RT: 8.64 min Scan# 2271
Delta R.T. -0.05 min
Lab File: VU041670.D
Acq: 18 Dec 2020 11:28

Tgt Ion: 43 Resp: 14802
Ion Ratio Lower Upper
43 100
58 31.3 47.9 71.9#
57 29.3 16.5 24.7#
100 0.4 9.4 14.2#





#59

1,2,3-Trichloropropane

Concen: 0.808 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.99 min

Lab File: VU041670.D

Acq: 18 Dec 2020 11:28

Instrument :

MSVOA_U

ClientSampleId :

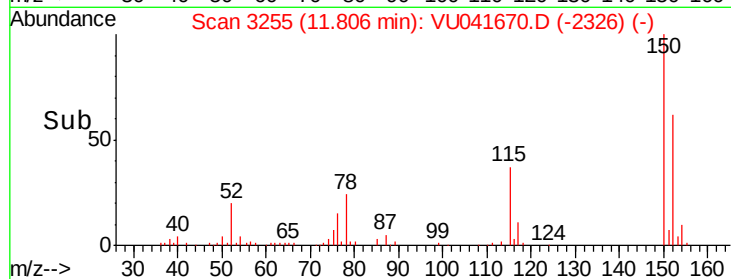
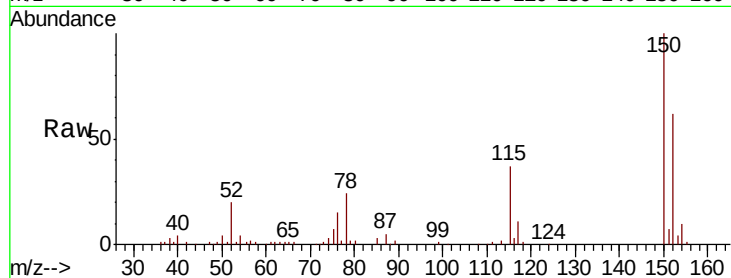
C0AL6

Tot Ion: 75 Resp: 5802

Ion Ratio Lower Upper

75 100

77 36.0 26.2 39.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

