

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121820\
 Data File : VU041675.D
 Acq On : 18 Dec 2020 13:27
 Operator : SY/MD
 Sample : L5129-02
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AL7

Quant Time: Dec 19 04:14:16 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	117726	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	111913	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	51795	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	32579	3.54	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.80%
7) Chloroethane-d5	1.92	69	30621	4.30	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.00%
11) 1,1-Dichloroethene-d2	2.58	63	49318	2.91	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.20%#
20) 2-Butanone-d5	4.66	46	132748	50.21	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.42%
24) Chloroform-d	5.08	84	70054	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.80%
26) 1,2-Dichloroethane-d4	5.72	65	42535	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.20%
32) Benzene-d6	5.74	84	144581	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.20%
36) 1,2-Dichloropropane-d6	6.70	67	44328	4.41	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.20%
41) Toluene-d8	7.90	98	115754	4.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.00%
43) trans-1,3-Dichloropropene-	8.19	79	18714	4.14	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.80%
46) 2-Hexanone-d5	8.64	63	119390	48.34	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.68%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	42706	4.68	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	46793	5.08	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.60%

Target Compounds

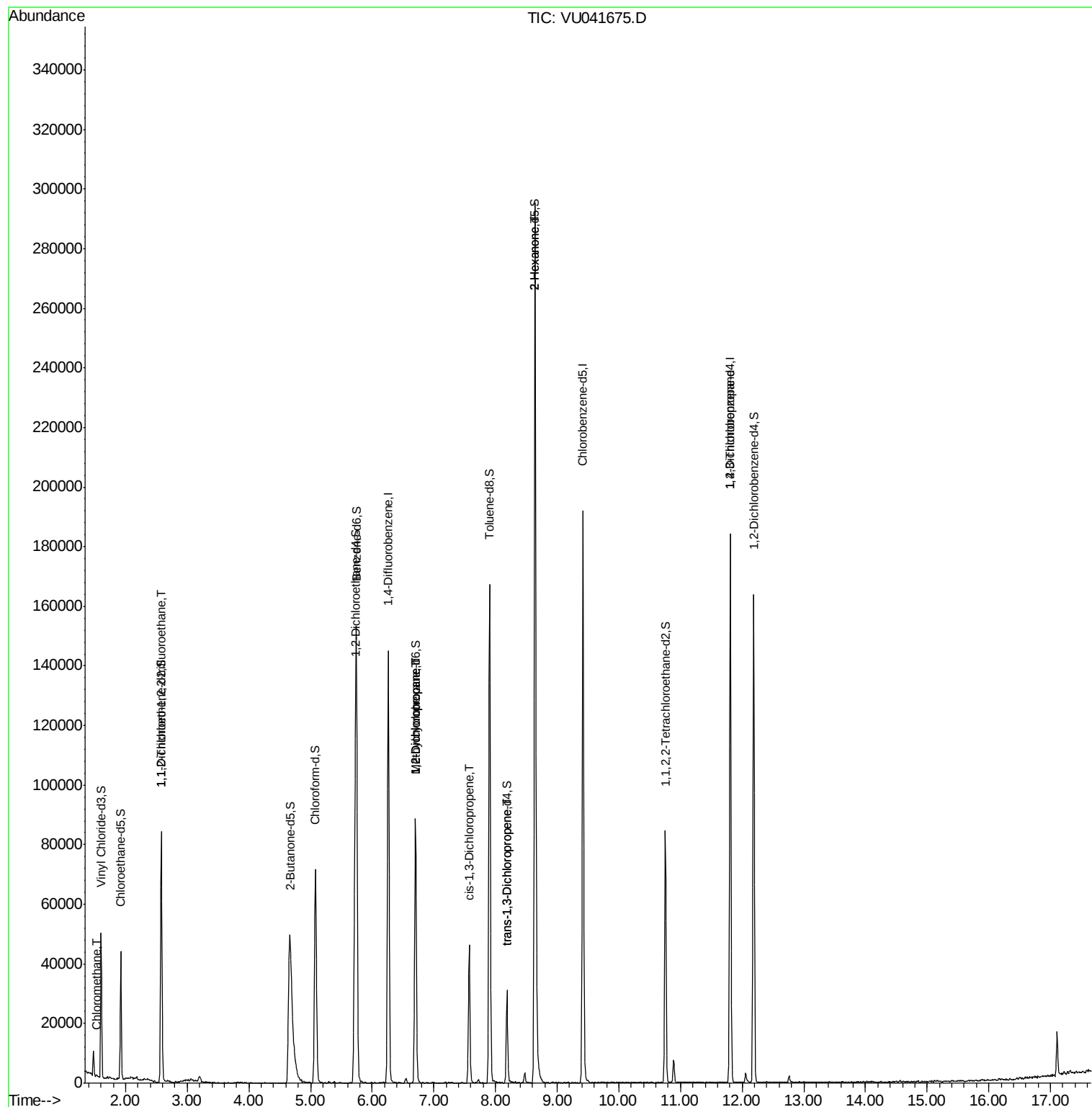
					Ovalue
3) Chloromethane	1.53	50	799	0.082 ug/L	91
10) 1,1,2-Trichloro-1,2,2-trif	2.57	101	565	0.070 ug/L #	22
35) Methylcyclohexane	6.70	83	11121	0.765 ug/L #	19
37) 1,2-Dichloropropane	6.70	63	4560	0.498 ug/L #	88
39) cis-1,3-Dichloropropene	7.57	75	1041	0.077 ug/L #	60
44) trans-1,3-Dichloropropene	8.18	75	671	0.055 ug/L	83
48) 2-Hexanone	8.64	43	12354	2.606 ug/L #	65
59) 1,2,3-Trichloropropane	11.81	75	5414	0.787 ug/L	96

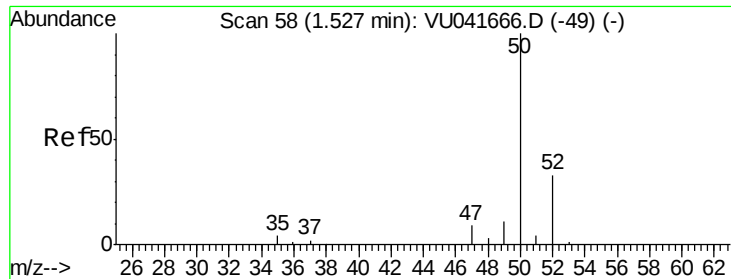
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 0.082 ug/L

RT: 1.53 min Scan# 58

Delta R.T. 0.00 min

Lab File: VU041675.D

Acq: 18 Dec 2020 13:27

Instrument :

MSVOA_U

ClientSampleId :

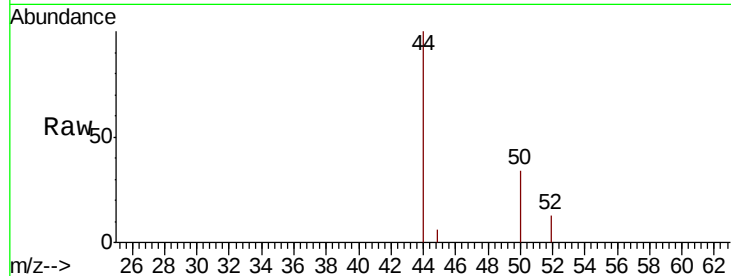
C0AL7

Tot Ion: 50 Resp: 799

Ion Ratio Lower Upper

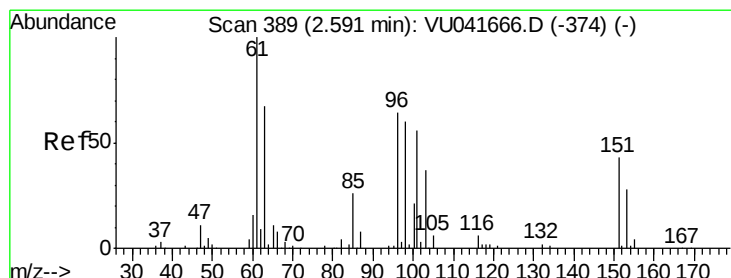
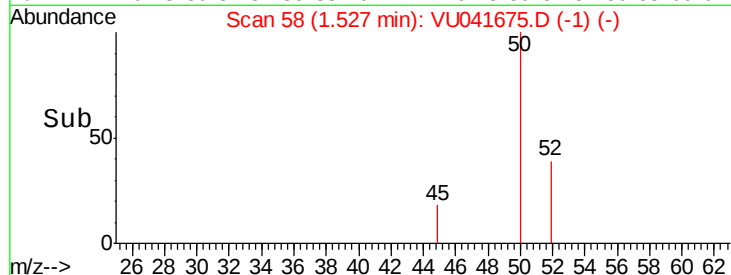
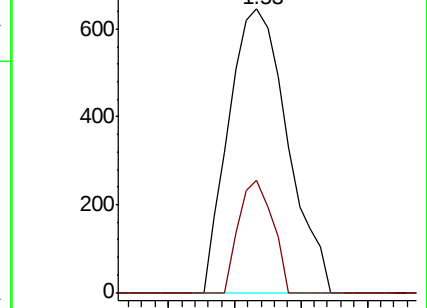
50 100

52 39.5 24.1 44.8



Abundance Ion 50.05 (49.75 to 50.75): VU041666.D (-49) (-)

Ion 52.05 (51.75 to 52.75): VU041666.D (-49) (-)



#10

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

Concen: 0.070 ug/L

RT: 2.57 min Scan# 383

Delta R.T. -0.02 min

Lab File: VU041675.D

Acq: 18 Dec 2020 13:27

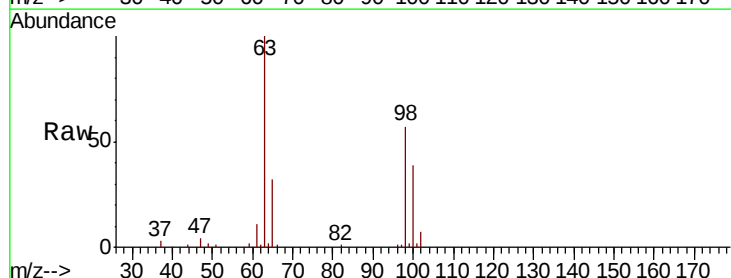
Tgt Ion: 101 Resp: 565

Ion Ratio Lower Upper

101 100

85 0.0 33.6 50.4#

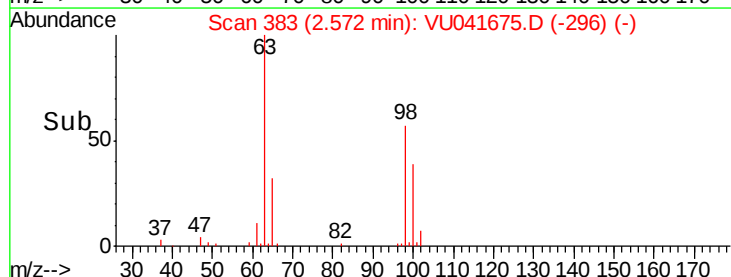
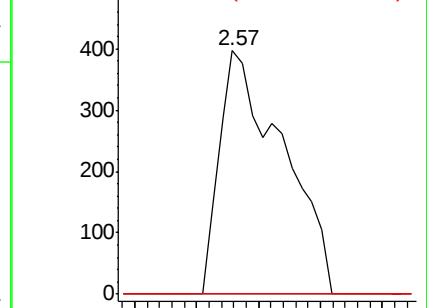
151 0.0 56.2 84.4#

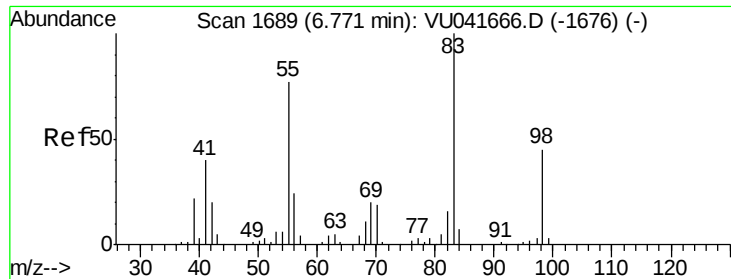


Abundance Ion 101.00 (100.70 to 101.70): VU041666.D (-374) (-)

Ion 85.00 (84.70 to 85.70): VU041666.D (-374) (-)

Ion 151.00 (150.70 to 151.70): VU041666.D (-374) (-)

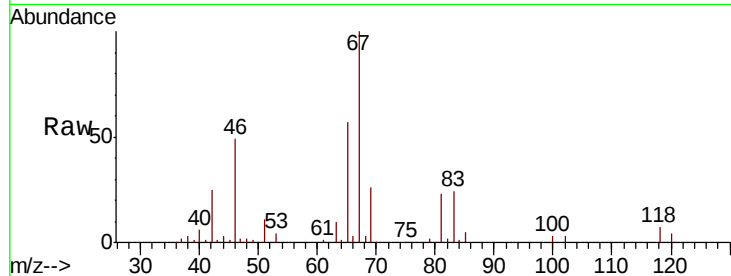




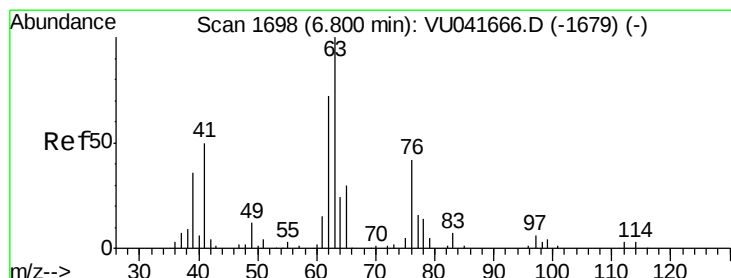
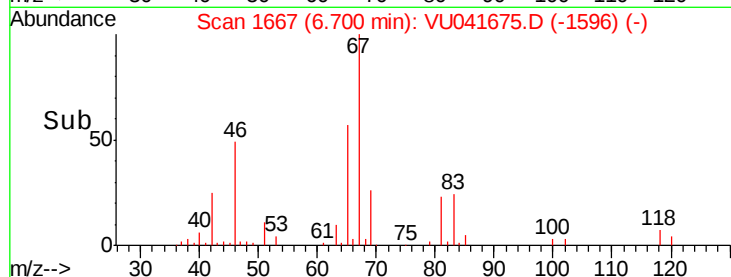
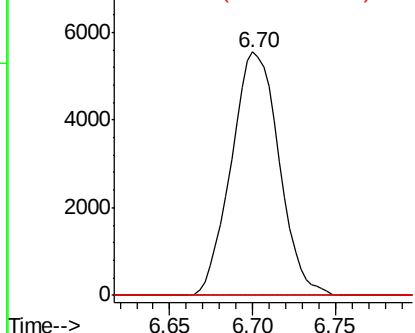
#35
Methvlcvclohexane
Concen: 0.765 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.07 min
Lab File: VU041675.D
Acq: 18 Dec 2020 13:27

Instrument :
MSVOA_U
ClientSampleId :
C0AL7

Tot Ion	Ratio	Lower	Upper
83	100		
55	0.0	61.2	91.8#
98	1.1	36.6	54.8#

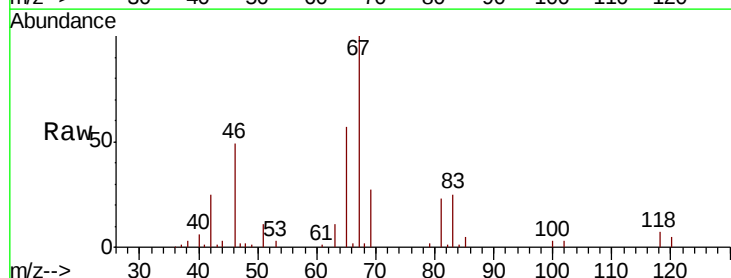


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

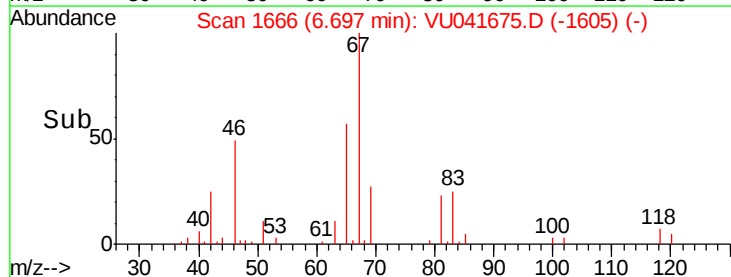
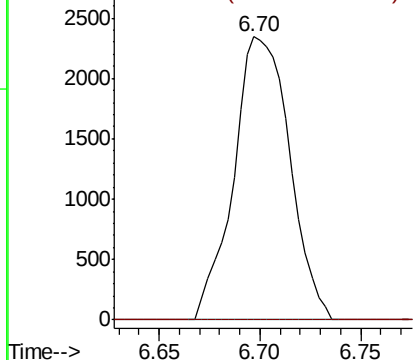


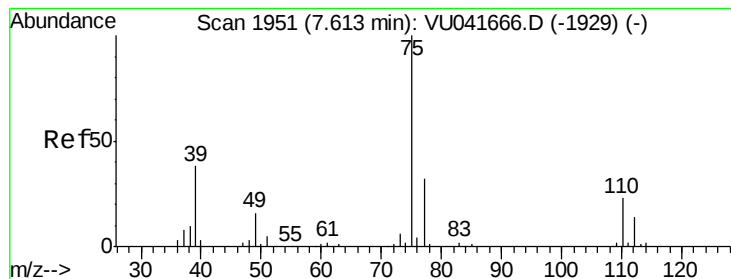
#37
1,2-Dichloropropane
Concen: 0.498 ug/L
RT: 6.70 min Scan# 1666
Delta R.T. -0.10 min
Lab File: VU041675.D
Acq: 18 Dec 2020 13:27

Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.1	4.7#



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



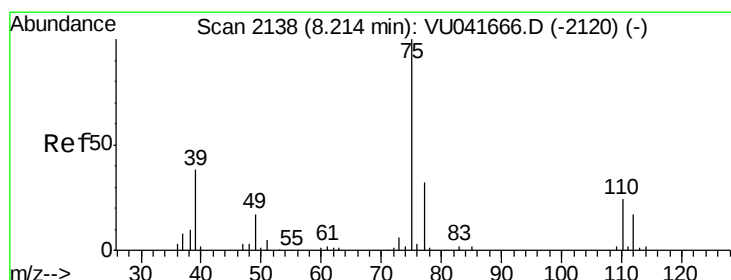
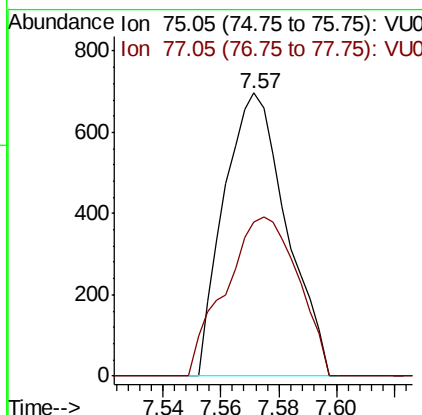
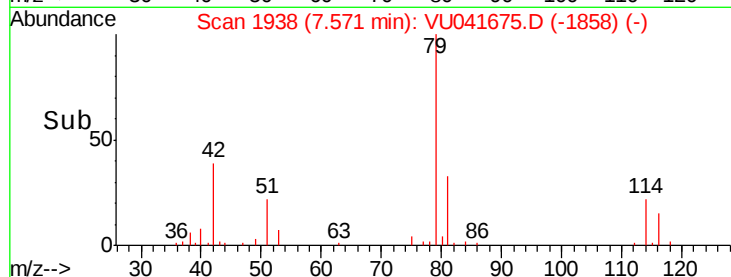
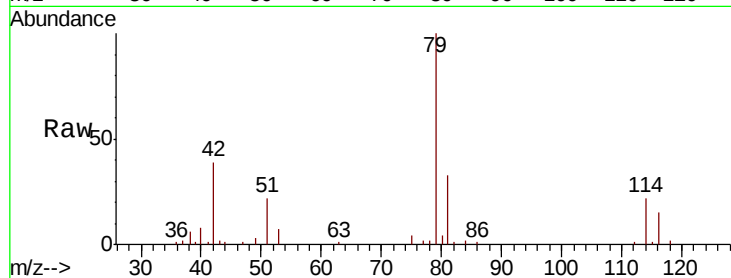


#39

cis-1,3-Dichloropropene
Concen: 0.077 ug/L
RT: 7.57 min Scan# 1938
Delta R.T. -0.04 min
Lab File: VU041675.D
Acq: 18 Dec 2020 13:27

Instrument :
MSVOA_U
ClientSampleId :
C0AL7

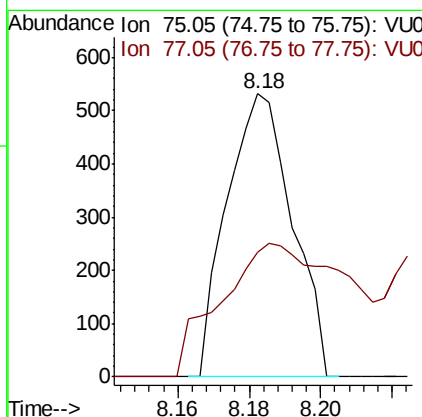
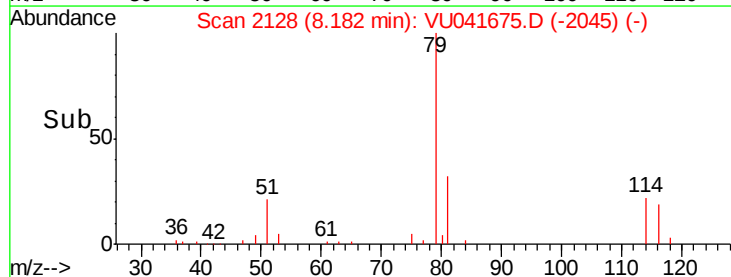
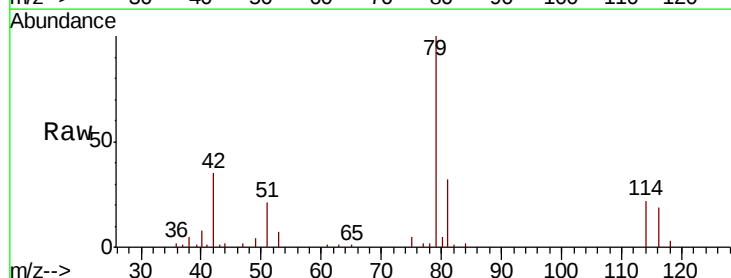
Tot Ion: 75 Resp: 1041
Ion Ratio Lower Upper
75 100
77 54.2 22.3 41.3#

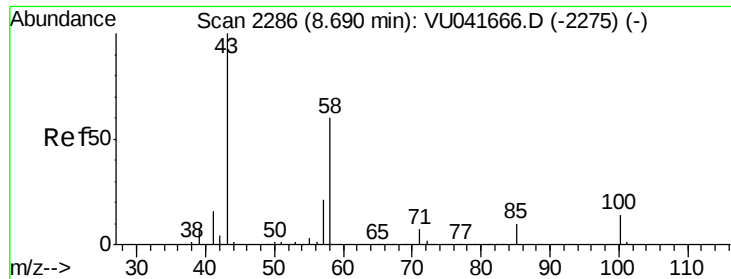


#44

trans-1,3-Dichloropropene
Concen: 0.055 ug/L
RT: 8.18 min Scan# 2128
Delta R.T. -0.03 min
Lab File: VU041675.D
Acq: 18 Dec 2020 13:27

Tgt Ion: 75 Resp: 671
Ion Ratio Lower Upper
75 100
77 43.8 23.8 44.2

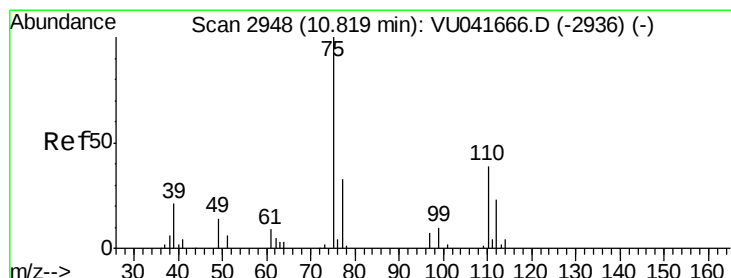
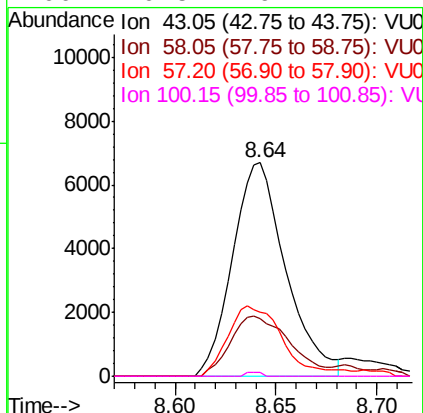
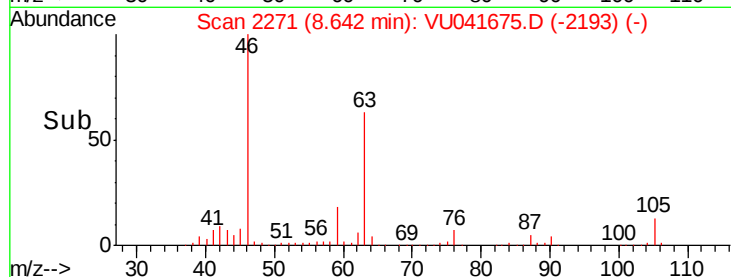
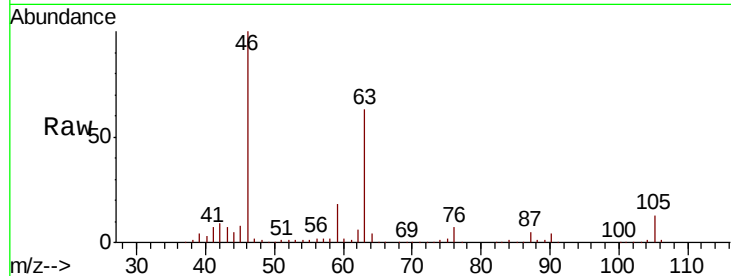




#48
 2-Hexanone
 Concen: 2.606 ug/L
 RT: 8.64 min Scan# 2271
 Delta R.T. -0.05 min
 Lab File: VU041675.D
 Acq: 18 Dec 2020 13:27

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AL7

Tot Ion	Ratio	Lower	Upper
43	100		
58	31.2	47.9	71.9#
57	34.3	16.5	24.7#
100	0.5	9.4	14.2#



#59
 1,2,3-Trichloropropane
 Concen: 0.787 ug/L
 RT: 11.81 min Scan# 3256
 Delta R.T. 0.99 min
 Lab File: VU041675.D
 Acq: 18 Dec 2020 13:27

Tgt Ion	Ratio	Lower	Upper
75	100		
77	35.0	26.2	39.2

