

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091020\
 Data File : VU040085.D
 Acq On : 10 Sep 2020 16:51
 Operator : SY/MD
 Sample : L3961-02
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F4Y26

Quant Time: Sep 11 01:57:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Sep 11 01:49:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	112397	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	112288	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	50097	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	32792	5.34	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	106.80%
7) Chloroethane-d5	1.92	69	26793	5.24	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.80%
11) 1,1-Dichloroethene-d2	2.58	63	52116	3.31	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.20%
20) 2-Butanone-d5	4.65	46	110397	44.98	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.96%
24) Chloroform-d	5.08	84	64420	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.80%
26) 1,2-Dichloroethane-d4	5.72	65	38535	4.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.00%
32) Benzene-d6	5.75	84	121187	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.40%
36) 1,2-Dichloropropane-d6	6.70	67	38157	4.41	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.20%
41) Toluene-d8	7.91	98	99981	4.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.40%
43) trans-1,3-Dichloropropene-	8.19	79	15020	3.78	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.60%
46) 2-Hexanone-d5	8.64	63	80238	42.67	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.34%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	33786	4.52	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	38470	4.75	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.00%

Target Compounds

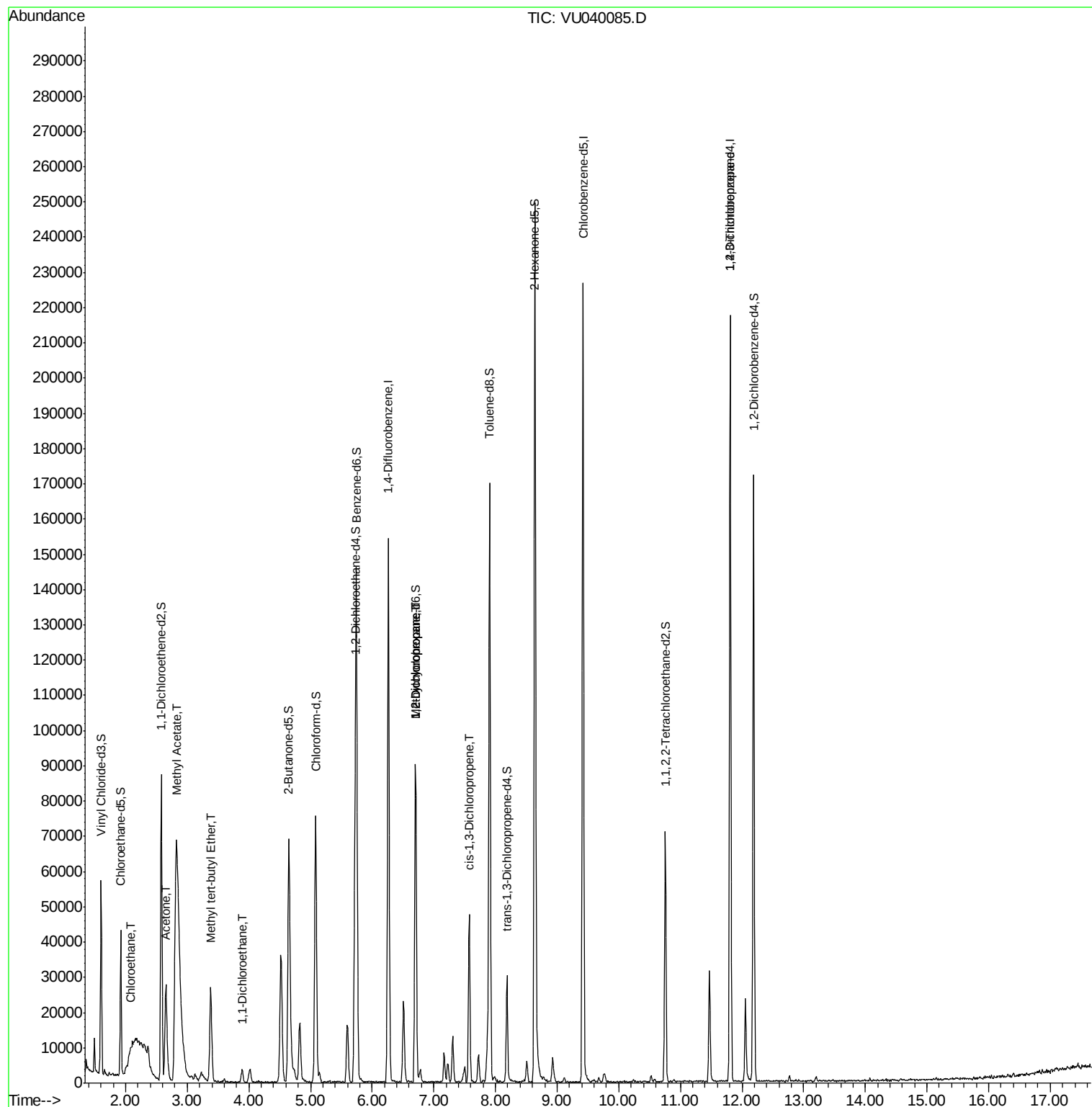
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
8) Chloroethane	2.08	64	13714	2.108	ug/L #	50
13) Acetone	2.65	43	42202	18.573	ug/L	96
15) Methyl Acetate	2.82	43	18982	3.328	ug/L #	54
17) Methyl tert-butyl Ether	3.38	73	25119	0.958	ug/L #	93
19) 1,1-Dichloroethane	3.89	63	4324	0.225	ug/L	92
35) Methylcyclohexane	6.71	83	9088	0.551	ug/L #	17
37) 1,2-Dichloropropane	6.71	63	4647	0.427	ug/L #	88
39) cis-1,3-Dichloropropene	7.58	75	1190	0.074	ug/L #	62
59) 1,2,3-Trichloropropane	11.81	75	8015	0.995	ug/L	91

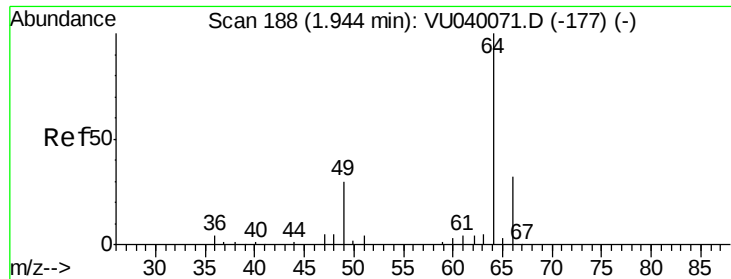
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091020\
Data File : VU040085.D
Acq On : 10 Sep 2020 16:51
Operator : SY/MD
Sample : L3961-02
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F4Y26

Quant Time: Sep 11 01:57:46 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Sep 11 01:49:07 2020
Response via : Initial Calibration

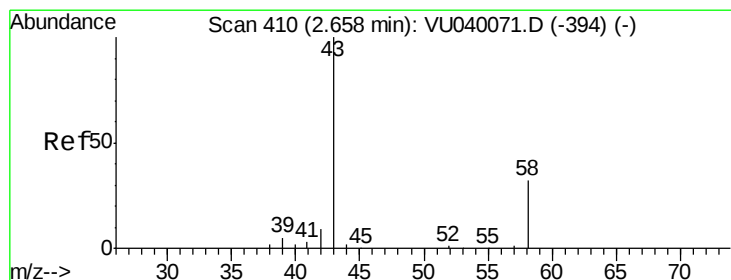
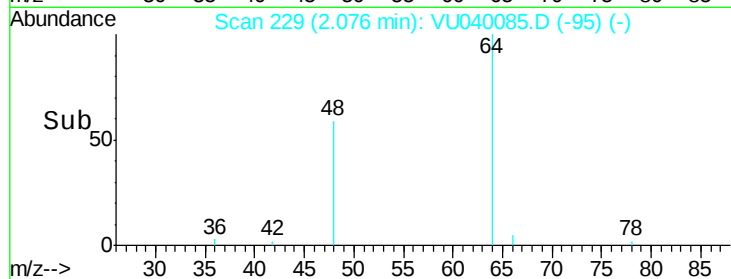
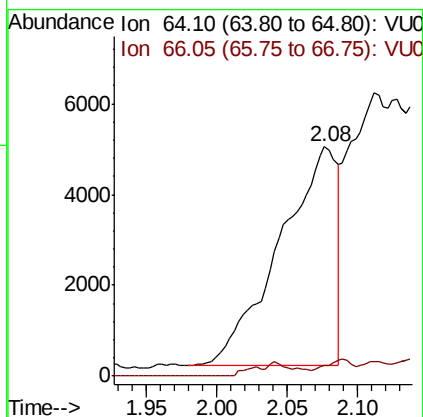
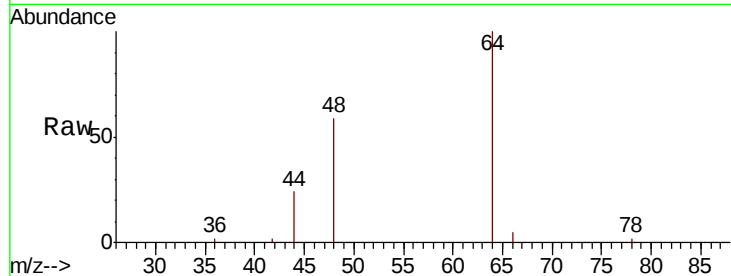




#8
Chloroethane
Concen: 2.108 ug/L
RT: 2.08 min Scan# 229
Delta R.T. 0.13 min
Lab File: VU040085.D
Acq: 10 Sep 2020 16:51

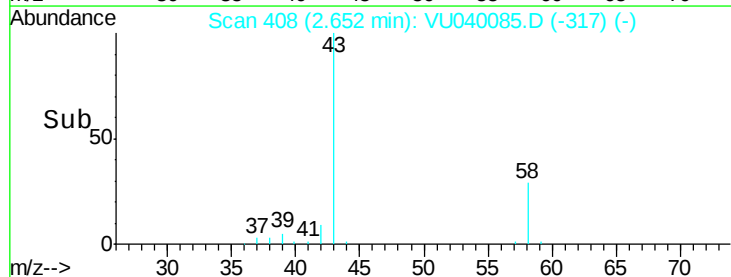
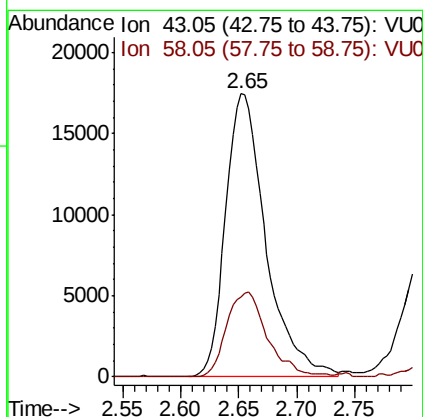
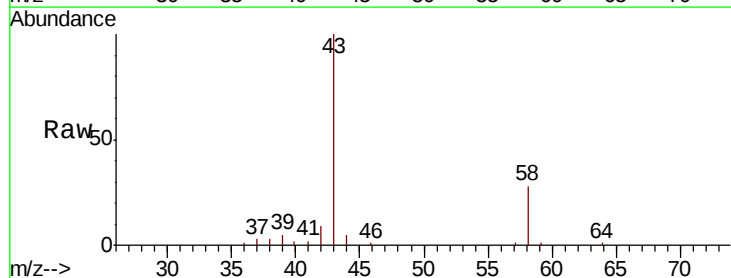
Instrument :
MSVOA_U
ClientSampleId :
F4Y26

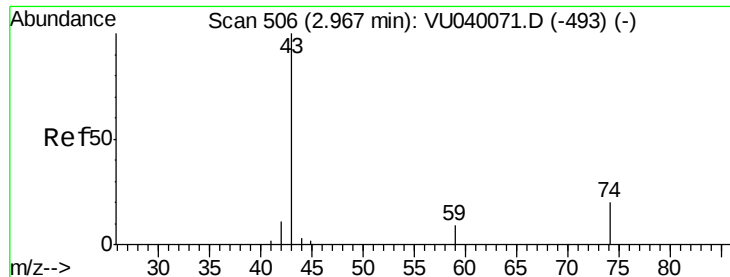
Tot Ion: 64 Resp: 13714
Ion Ratio Lower Upper
64 100
66 4.5 22.7 42.1#



#13
Acetone
Concen: 18.573 ug/L
RT: 2.65 min Scan# 408
Delta R.T. -0.01 min
Lab File: VU040085.D
Acq: 10 Sep 2020 16:51

Tgt Ion: 43 Resp: 42202
Ion Ratio Lower Upper
43 100
58 30.0 0.0 55.4

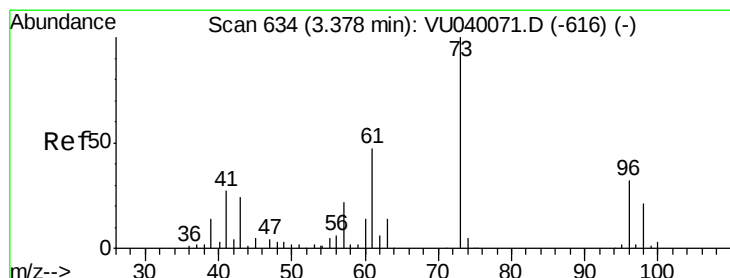
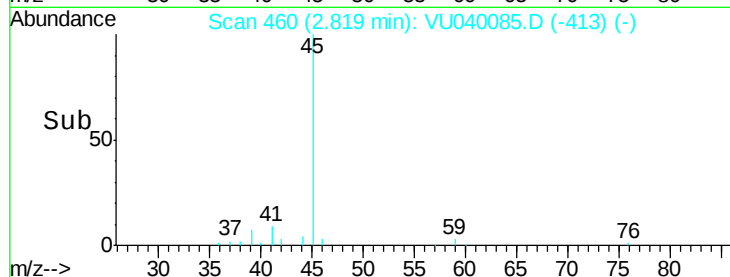
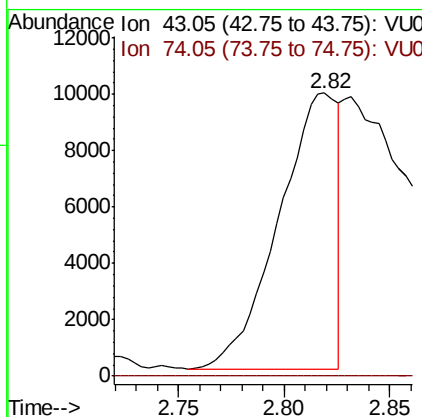
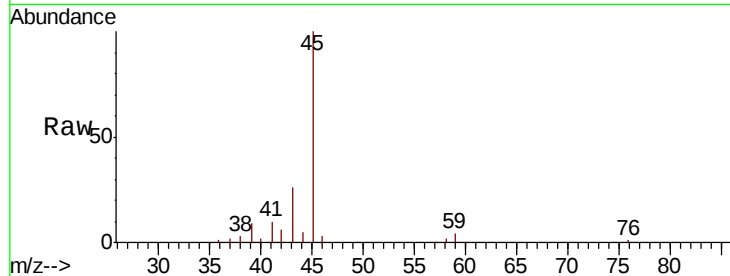




#15
Methvl Acetate
Concen: 3.328 ug/L
RT: 2.82 min Scan# 460
Delta R.T. -0.15 min
Lab File: VU040085.D
Acq: 10 Sep 2020 16:51

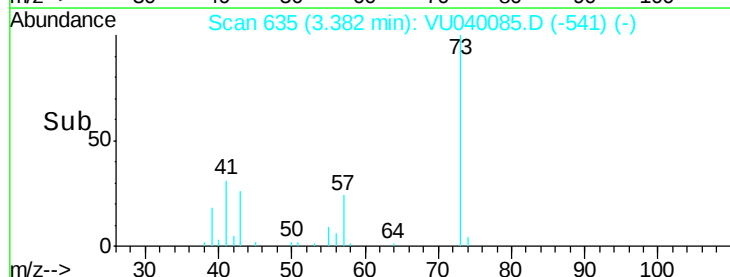
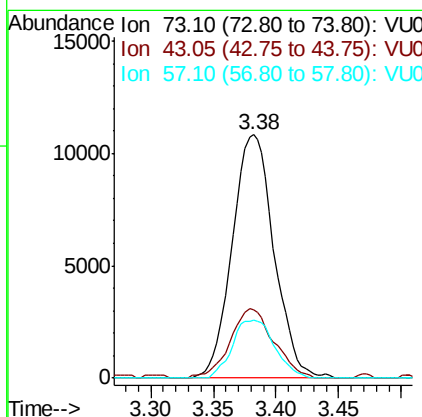
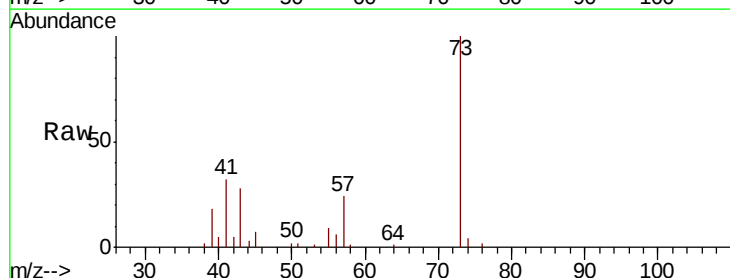
Instrument :
MSVOA_U
ClientSampleId :
F4Y26

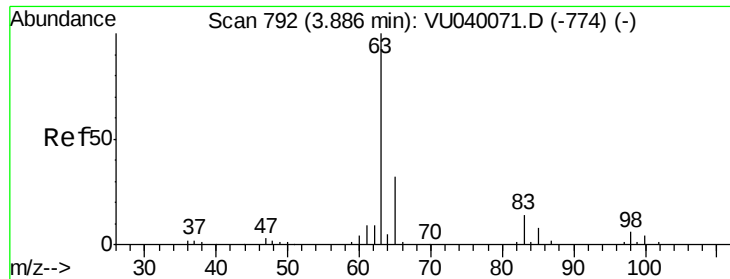
Tot Ion: 43 Resp: 18982
Ion Ratio Lower Upper
43 100
74 0.1 17.4 26.0#



#17
Methyl tert-butyl Ether
Concen: 0.958 ug/L
RT: 3.38 min Scan# 635
Delta R.T. 0.00 min
Lab File: VU040085.D
Acq: 10 Sep 2020 16:51

Tgt Ion: 73 Resp: 25119
Ion Ratio Lower Upper
73 100
43 29.6 19.1 28.7#
57 24.2 18.3 27.5

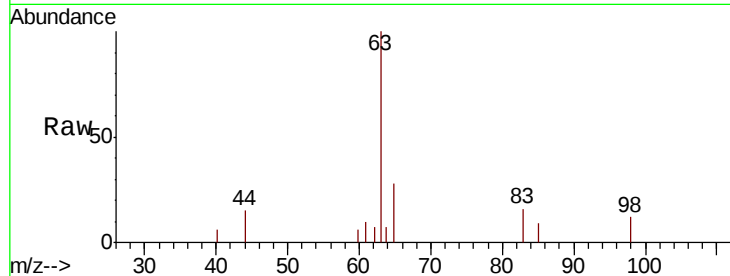




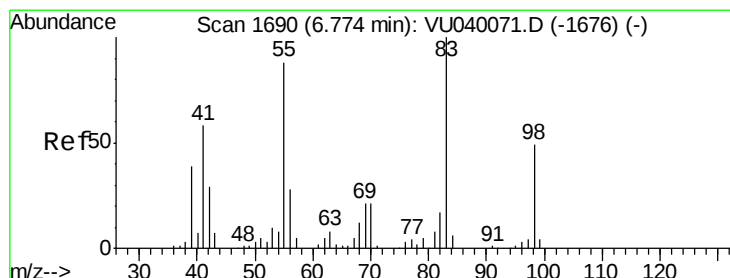
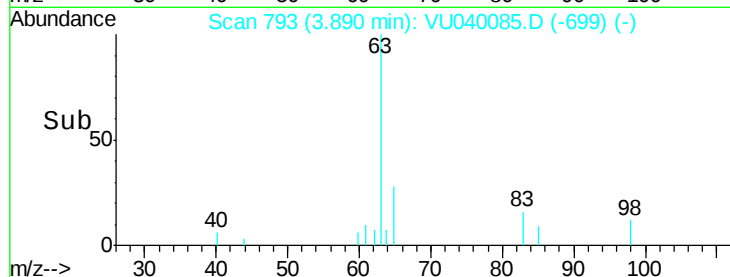
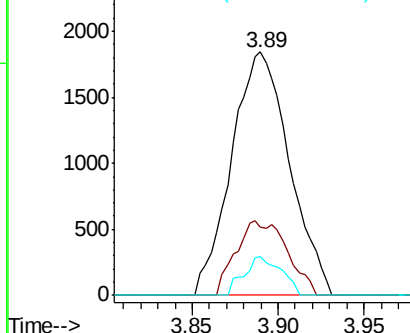
#19
 1,1-Dichloroethane
 Concen: 0.225 ug/L
 RT: 3.89 min Scan# 793
 Delta R.T. 0.00 min
 Lab File: VU040085.D
 Acq: 10 Sep 2020 16:51

Instrument :
 MSVOA_U
 ClientSampleId :
 F4Y26

Tot Ion: 63 Resp: 4324
 Ion Ratio Lower Upper
 63 100
 65 26.0 22.2 41.2
 83 14.6 9.4 17.6

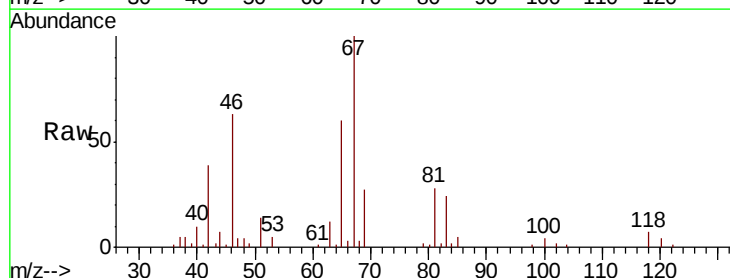


Abundance Ion 63.10 (62.80 to 63.80): VU0
 Ion 65.10 (64.80 to 65.80): VU0
 Ion 83.05 (82.75 to 83.75): VU0

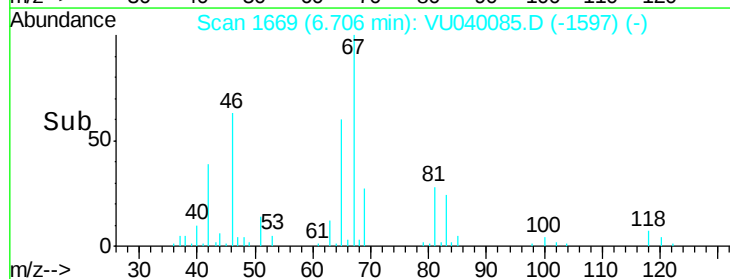
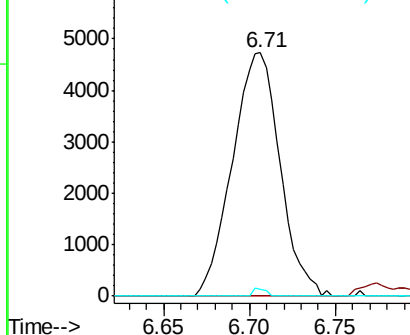


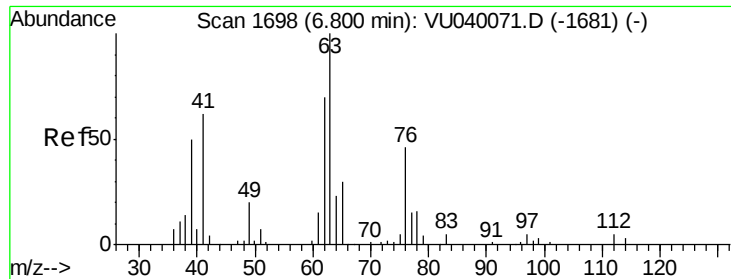
#35
 Methylcyclohexane
 Concen: 0.551 ug/L
 RT: 6.71 min Scan# 1669
 Delta R.T. -0.07 min
 Lab File: VU040085.D
 Acq: 10 Sep 2020 16:51

Tgt Ion: 83 Resp: 9088
 Ion Ratio Lower Upper
 83 100
 55 4.1 70.5 105.7#
 98 0.9 37.8 56.6#



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

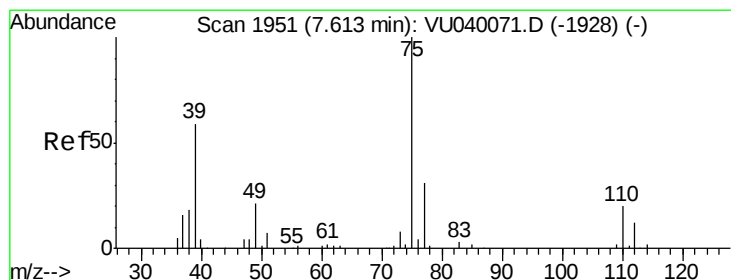
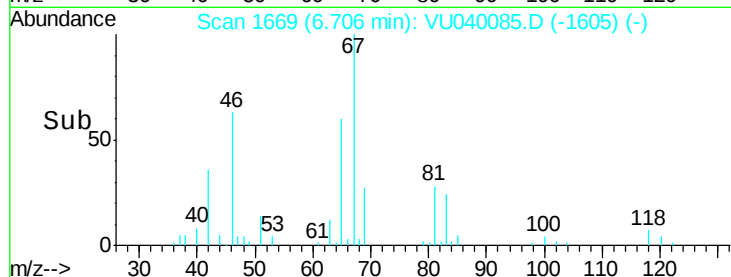
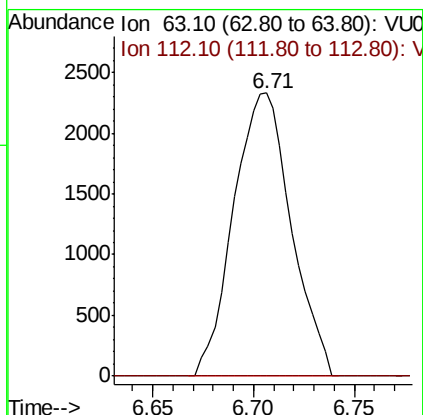
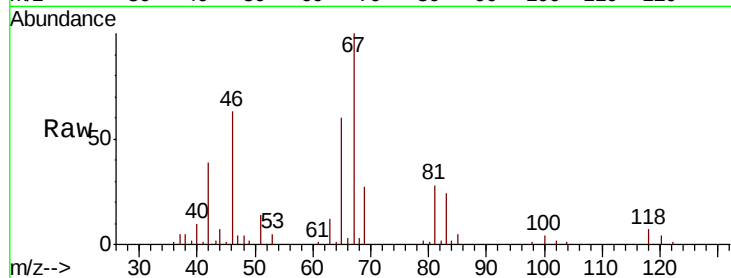




#37
 1,2-Dichloropropane
 Concen: 0.427 ug/L
 RT: 6.71 min Scan# 1669
 Delta R.T. -0.09 min
 Lab File: VU040085.D
 Acq: 10 Sep 2020 16:51

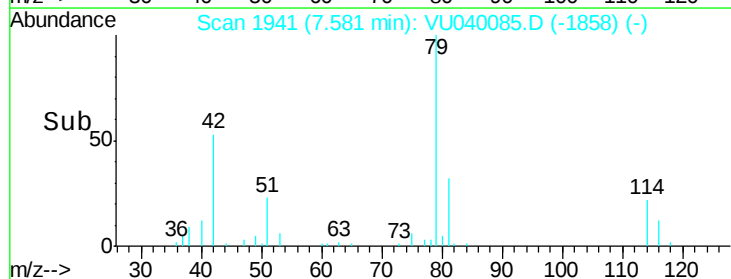
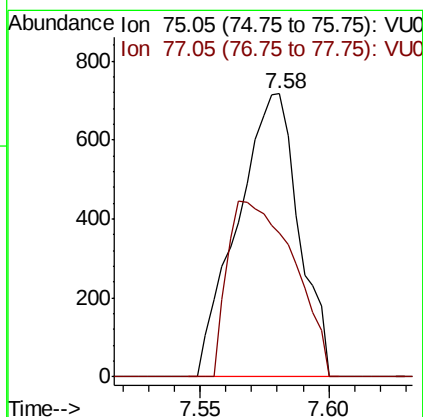
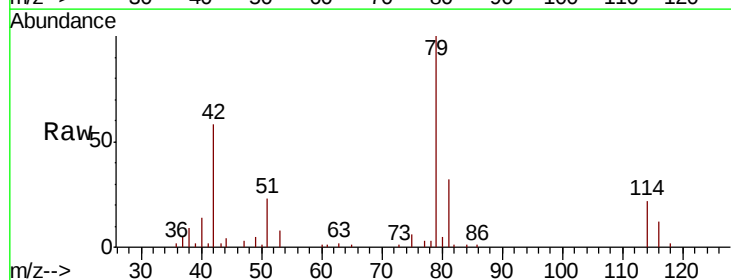
Instrument :
 MSVOA_U
 ClientSampleId :
 F4Y26

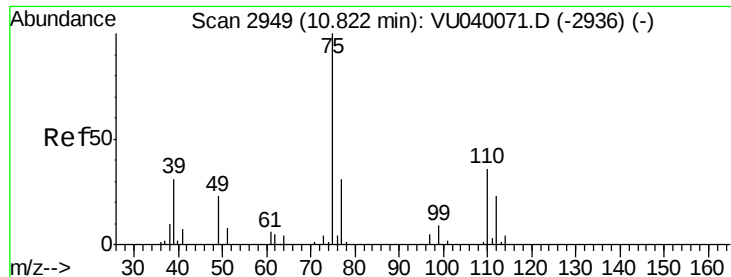
Tot Ion: 63 Resp: 4647
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.2 4.8#



#39
 cis-1,3-Dichloropropene
 Concen: 0.074 ug/L
 RT: 7.58 min Scan# 1941
 Delta R.T. -0.03 min
 Lab File: VU040085.D
 Acq: 10 Sep 2020 16:51

Tgt Ion: 75 Resp: 1190
 Ion Ratio Lower Upper
 75 100
 77 50.6 21.1 39.3#





#59

1,2,3-Trichloropropane

Concen: 0.995 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU040085.D

Acq: 10 Sep 2020 16:51

Instrument :

MSVOA_U

ClientSampleId :

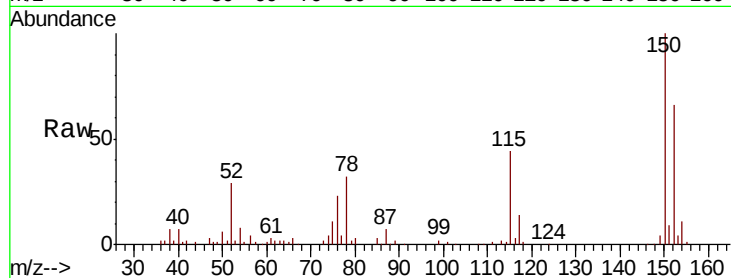
F4Y26

Tot Ion: 75 Resp: 8015

Ion Ratio Lower Upper

75 100

77 35.9 24.9 37.3



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

